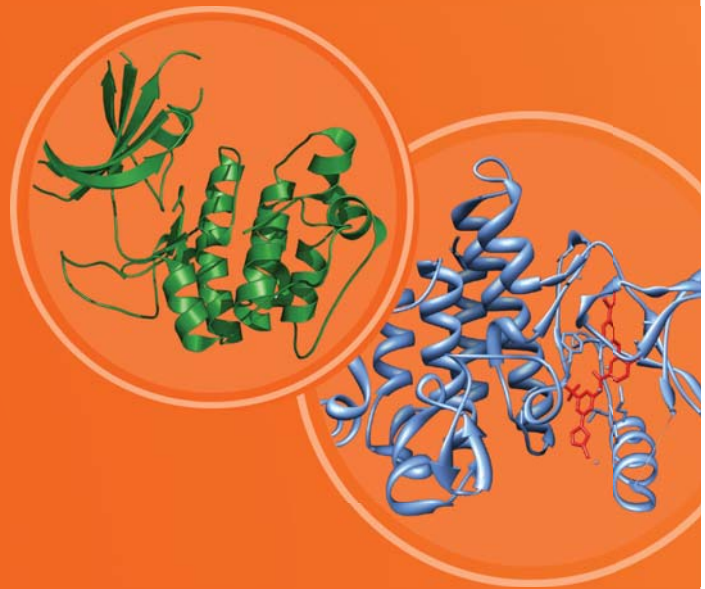




Growth Factors & Kinases

Growth factors and cytokines are signaling molecules that control cell proliferation, differentiation, apoptosis, immunological/hematopoietic responses, morphogenesis, and maintenance of tissue homeostasis. Their crucial roles make them valuable tools in the study of a wide variety of cell functions and their associated signaling pathways, with many utilized in preclinical and clinical applications as well as immunotherapy.



Growth Factors and Cytokines

Growth factors and cytokines are naturally occurring signalling molecules that are crucial players in complex cell-to-cell communication networks in higher organisms. These molecules carry regulatory messages between cells that practically determine the fate of all cellular processes. While cytokines are mostly associated with immune system housekeeping, growth factors regulate a wide range of processes during an organism's developmental and mature stages. Uncontrolled growth factor activation is often associated with oncogenesis.

Considering their vital roles, it is not surprising that growth factors and cytokines are indispensable to many aspects of cell biology research and development. Traditional cell biology experiments use animal serum as a rich, but heterogeneous source of growth factors and nutrients required for normal cell metabolism. However, the use of animal serum is undesirable due to:

- Increased risk of viral, mycoplasma and prion contamination
- High cost and ethical concerns associated with serum collection
- Inaccurate interpretation of results due to non-standardized media that may also contain growth inhibitors

A switch from animal serum to recombinant growth factors is the logical choice for many types of research.

abm's reliable, high quality products have the following features:

- **High Purity** - production under exacting conditions ensure consistent quality and $\geq 95\%$ purity on every lot as assessed by SDS-PAGE
- **Minimal Endotoxin** - guaranteed to be below the acceptable limit of 1 EU/ug recombinant protein as tested by the standard Limulus Amebocyte Lysate (LAL) assay
- Assured Biological Activity with every lot
- Flexible Aliquot Sizes with our **custom-package services**
- **Option of an Animal-Free Version** for particularly sensitive applications

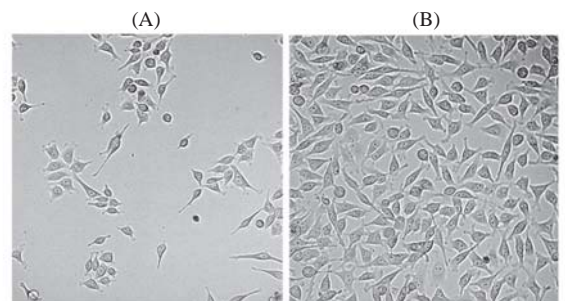


Figure 1: Increase in proliferation of Human Cervical Epithelial cells upon addition of Human Beta-Defensin 2 (DEFB4A): (A) Negative Control (B) DEFB4A at the final concentration of 50 ng/ml.

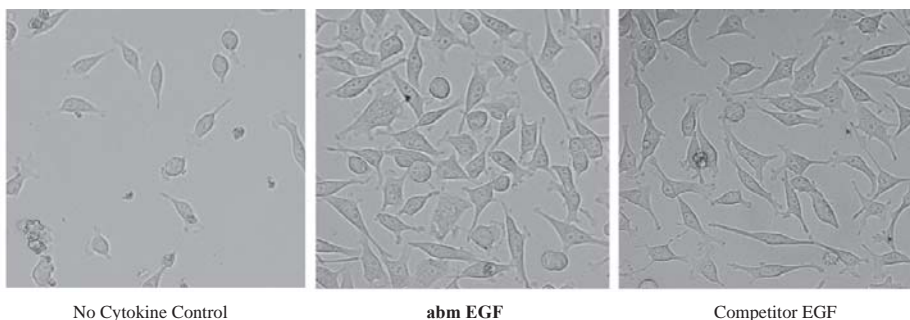


Figure 2: Increase in proliferation of Human Cervical Epithelial cells upon addition of abm's and competitor's Human EGF at a final concentration of 20 ng/ml.

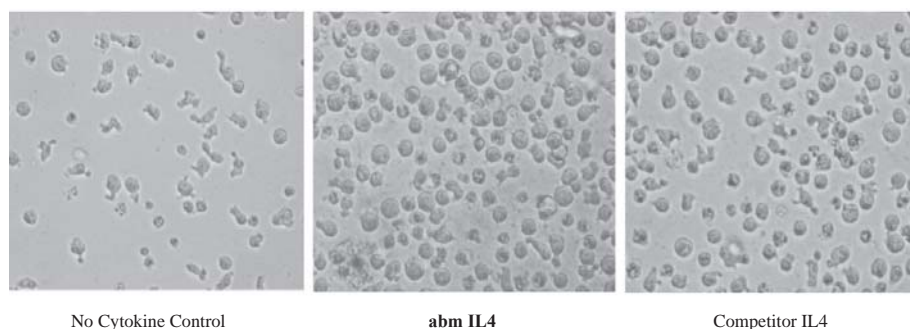


Figure 3: Increase in proliferation of Human Megakaryocytic Leukemia cells upon addition of abm's and competitor's Human IL4 at a final concentration of 10 ng/ml.

Growth Factors and Cytokines

abm is proud to offer a wide-reperatoire of bioactive, recombinat human, mouse and rat growth factors and cytokines that are $\geq 95\%$ pure, have < 1.0 EU of endotoxin/ μg of protein and available in customizable aliquots.

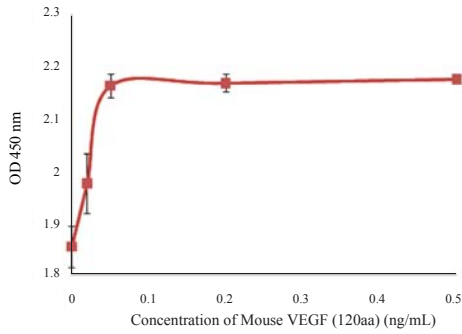


Figure 4: abm's Recombinant Mouse VEGF (120aa) stimulates proliferation of mouse endothelial cells in a dose-dependent manner with an ED50 < 0.1 ng/ml.

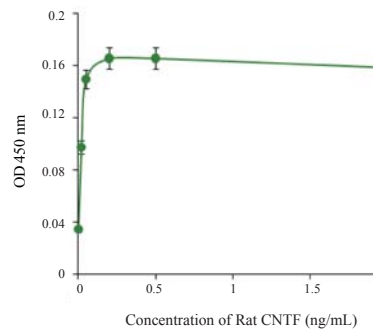


Figure 5: abm's Recombinant Rat CNTF stimulates proliferation of human megakaryocytic leukemia cells in a dosedependent manner with an ED50 < 0.5 ng/ml.

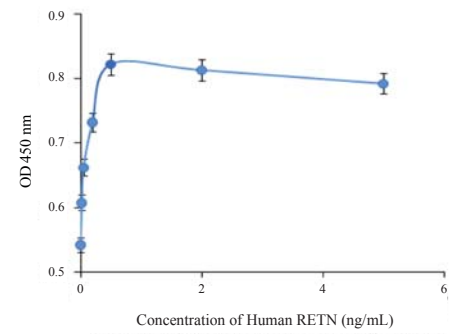


Figure 6: abm's Recombinant Human Resistin (RETN) that stimulates proliferation of human aortic smooth muscle cells in a dosedependent manner with an ED50 < 1 ng/ml.

Recombinant Mouse Growth Factors and Cytokines

| Product Name | Cat.No. | Source | Product Name | Cat.No. | Source | Product Name | Cat.No. | Source |
|-------------------------|---------|---------|-------------------|---------|---------|--------------------------|---------|---------|
| Beta-Defensin 1 (DEFB1) | Z200265 | E. coli | GRO gamma (CXCL3) | Z200415 | E. coli | LIF | Z200485 | CHO |
| Beta-Defensin 2 (DEFB2) | Z200285 | E. coli | IFNG | Z200085 | E. coli | LIX (CXCL5) | Z200555 | E. coli |
| Beta-Defensin 3 (DEFB3) | Z200275 | E. coli | IGF1 | Z200625 | E. coli | MCP-2 (CCL8) | Z200395 | E. coli |
| CCL22 | Z200315 | E. coli | IL1A | Z200095 | E. coli | MCP-5 (CCL12) | Z200385 | E. coli |
| CCL25 | Z200325 | E. coli | IL1B | Z200105 | E. coli | MEC (CCL28) | Z200335 | E. coli |
| CXCL1 | Z200345 | E. coli | IL2 | Z200135 | E. coli | MIF | Z200295 | E. coli |
| CXCL2 | Z200355 | E. coli | IL3 | Z200145 | E. coli | MIP-1 gamma (CCL9) | Z200375 | E. coli |
| CXCL4 (PF4) | Z200305 | E. coli | IL4 | Z200165 | E. coli | MIP-3 (CCL19) | Z200455 | E. coli |
| CXCL12 (SDF-1 beta) | Z200205 | E. coli | IL6 | Z200175 | E. coli | Noggin (NOG) | Z200235 | E. coli |
| EGF | Z200025 | E. coli | IL10 | Z200465 | CHO | SHH | Z200615 | E. coli |
| Eotaxin (CCL11) | Z200035 | E. coli | IL10 | Z200115 | E. coli | SR-PSOX (CXCL16) | Z200365 | E. coli |
| Eotaxin-2 (CCL24) | Z200405 | E. coli | IL11 | Z200125 | E. coli | Stem Cell Factor (KITLG) | Z200505 | CHO |
| Exodus-2 (CCL21A) | Z200045 | E. coli | IL12A | Z200445 | CHO | Stem Cell Factor (KITLG) | Z200595 | E. coli |
| FGF1 | Z200005 | E. coli | IL13 | Z200245 | E. coli | THPO | Z200535 | E. coli |
| FGF2 | Z200015 | E. coli | IL17 | Z200435 | E. coli | TNF | Z200215 | E. coli |
| FLT3 Ligand (FLT3LG) | Z200055 | E. coli | IL18BP | Z200425 | E. coli | VEGF (120aa) | Z200585 | E. coli |
| G-CSF (CSF3) | Z200605 | E. coli | IL25 | Z200255 | E. coli | VEGF (164aa) | Z200575 | E. coli |
| GH1 | Z200065 | E. coli | IL33 | Z200155 | E. coli | | | |
| GM-CSF (CSF2) | Z200075 | E. coli | KGF (FGF7) | Z200185 | E. coli | | | |

Recombinant Rat Growth Factors and Cytokines

| Product Name | Cat.No. | Source | Product Name | Cat.No. | Source | Product Name | Cat.No. | Source |
|-----------------|---------|---------|-------------------|---------|---------|--------------|---------|---------|
| CNTF | Z300035 | E. coli | GRO gamma (CXCL3) | Z300135 | E. coli | IL6 | Z300085 | E. coli |
| CXCL1 | Z300105 | E. coli | IFNG | Z300015 | E. coli | IL10 | Z300025 | E. coli |
| CXCL2 | Z300115 | E. coli | IGF1 | Z300055 | E. coli | IL13 | Z300095 | E. coli |
| EGF | Z300045 | E. coli | IL1B | Z300075 | E. coli | IL17 | Z300175 | E. coli |
| Eotaxin (CCL11) | Z300145 | E. coli | IL2 | Z300195 | E. coli | IL20 | Z300165 | E. coli |
| FGF2 | Z300005 | E. coli | IL3 | Z300205 | E. coli | LIX (CXCL5) | Z300125 | E. coli |
| G-CSF (CSF3) | Z300185 | E. coli | IL5 | Z300155 | E. coli | TNF | Z300065 | E. coli |

Recombinant Human Growth Factors and Cytokines

| Product Name | Cat.No. | Source | Product Name | Cat.No. | Source | Product Name | Cat.No. | Source |
|--------------------------------------|---------|---------|----------------------|---------|--------------|------------------------------|---------|---------|
| 4-1BB Receptor (TNFRSF9) | Z101425 | CHO | Cystatin C | Z102685 | HEK293 | GRO gamma (CXCL3) | Z101465 | E. coli |
| 4-1BB Receptor (TNFRSF9) | Z101085 | E. coli | DAND5 | Z102135 | E. coli | HB-EGF (Heparin Binding EGF) | Z102155 | E. coli |
| 4-BBL (TNFSF9) | Z102255 | E. coli | DHH | Z101695 | E. coli | HCC-1 (CCL14) | Z100305 | E. coli |
| Activin A (INHBA) | Z101665 | E. coli | EGF | Z100135 | E. coli | HCC-2 (CCL15) | Z100315 | E. coli |
| Activin A (INHBA) | Z102635 | HEK293 | EGFL7 | Z101535 | Insect Cells | HGH | Z100335 | |
| Adiponectin (Acrp30) | Z102595 | E. coli | ENA-78 (CXCL5) | Z100165 | E. coli | HGF | Z102775 | HEK293 |
| AIMP1 | Z100155 | E. coli | Eotaxin (CCL11) | Z100175 | E. coli | HGH | Z102785 | HEK293 |
| AITRL (TNFSF18) | Z101725 | E. coli | Eotaxin-2 (CCL24) | Z100185 | E. coli | HSA | Z102795 | HEK293 |
| AREG | Z101875 | E. coli | Eotaxin-3 (CCL26) | Z101575 | E. coli | IFNA1 (IFN-alpha1) | Z102395 | E. coli |
| Artemin (ARTN) | Z102355 | E. coli | Epiregulin (EREG) | Z100995 | E. coli | IFNA2A | Z101585 | E. coli |
| BAFF/BLYS (TNFSF13B) | Z101135 | CHO | EPO | Z101435 | HEK293 | IFNA2A | Z102805 | HEK293 |
| BAFF-R (TNFRSF13C) | Z100015 | E. coli | FGF1 | Z100005 | E. coli | IFNA2B | Z102815 | HEK293 |
| BCA-1 (CXCL13) | Z100075 | E. coli | FGF2 | Z101455 | E. coli | IFNA4 | Z102405 | E. coli |
| B-cell Activating Factor (TNFSF13B) | Z100965 | E. coli | FGF3 | Z102285 | E. coli | IFNB1 | Z101485 | |
| B-cell Maturation Protein (TNFRSF17) | Z101445 | E. coli | FGF4 | Z102605 | E. coli | IFNG | Z101175 | |
| BDNF | Z100065 | E. coli | FGF4 | Z102715 | HEK293 | IFNG | Z100345 | E. coli |
| Beta-Defensin 1 (DEFB1) | Z100025 | E. coli | FGF6 | Z101685 | E. coli | IGF1 | Z100385 | E. coli |
| Beta-Defensin 2 (DEFB4A) | Z100035 | E. coli | FGF7 (KGF) | Z102725 | HEK293 | IGF2 | Z102345 | E. coli |
| Beta-Defensin 3 (DEFB103A) | Z100045 | E. coli | FGF8 | Z101705 | E. coli | IGF2BP2 | Z101185 | |
| Beta-Defensin 4 (DEFB104A) | Z100055 | E. coli | FGF8 | Z102735 | HEK293 | IGFBP3 | Z100375 | E. coli |
| Beta-NGF | Z101545 | CHO | FGF9 | Z101125 | CHO | IGFBP5 | Z102015 | E. coli |
| Beta-NGF | Z102645 | HEK293 | FGF9 | Z100215 | E. coli | IGFBP7 | Z102035 | E. coli |
| BMP2 | Z100085 | E. coli | FGF10 | Z100205 | E. coli | IL10 | Z101195 | |
| BMP2 | Z102665 | HEK293 | FGF16 | Z102295 | E. coli | IL1A | Z101225 | |
| BMP-3 beta (GDF10) | Z100095 | E. coli | FGF17 | Z102305 | E. coli | IL1A | Z100405 | E. coli |
| BMP4 | Z100105 | E. coli | FGF18 | Z102315 | E. coli | IL1B | Z100395 | E. coli |
| BMP4 | Z102675 | HEK293 | FGF19 | Z102325 | E. coli | IL1B | Z102825 | HEK293 |
| BMP7 | Z102655 | HEK293 | FGF20 | Z101715 | E. coli | IL1RN | Z100415 | E. coli |
| Cardiotrophin-1 (CT-1) | Z102365 | E. coli | FGF21 | Z101105 | E. coli | IL2 | Z101235 | |
| CCL1 | Z101905 | E. coli | FGF22 | Z100985 | E. coli | IL2 | Z100485 | E. coli |
| CCL2 | Z100625 | E. coli | FGF23 | Z100985 | E. coli | IL2 | Z102875 | HEK293 |
| CCL3 | Z100675 | E. coli | FLT3 Ligand (FLT3LG) | Z100225 | E. coli | IL3 | Z101295 | |
| CCL4 | Z100685 | E. coli | FLT3 Ligand (FLT3LG) | Z101145 | CHO | IL3 | Z100515 | E. coli |
| CCL21 | Z100195 | E. coli | FLT3 Ligand (FLT3LG) | Z102745 | HEK293 | IL3 | Z102935 | HEK293 |
| CCL22 | Z101015 | E. coli | Follistatin (FST) | Z101035 | E. coli | IL4 | Z101305 | |
| CCL25 | Z101525 | E. coli | Fractalkine (CX3CL1) | Z101895 | E. coli | IL4 | Z100545 | E. coli |
| CD40 Ligand (CD40LG) | Z100125 | E. coli | FSHB | Z100235 | CHO | IL4 | Z102945 | HEK293 |
| Chemerin | Z102205 | E. coli | Galectin-1 (LGALS1) | Z101845 | E. coli | IL6 | Z101315 | |
| CNTF | Z100955 | E. coli | Galectin-3 (LGALS3) | Z101825 | E. coli | IL6 | Z100555 | E. coli |
| CTACK (CCL27) | Z101885 | E. coli | GCP-2 (CXCL6) | Z101805 | E. coli | IL6 | Z102955 | HEK293 |
| CTGF | Z102025 | E. coli | G-CSF (CSF3) | Z101155 | CHO | IL7 | Z101325 | |
| CXCL1 | Z100285 | E. coli | G-CSF (CSF3) | Z100245 | E. coli | IL7 | Z100975 | E. coli |
| CXCL2 | Z100295 | E. coli | G-CSF (CSF3) | Z102755 | HEK293 | IL7 | Z102965 | HEK293 |
| CXCL4 (PF4) | Z101005 | E. coli | GDF3 | Z101735 | E. coli | IL8 (72aa) | Z101605 | E. coli |
| CXCL11 | Z100585 | E. coli | GDNF | Z101055 | E. coli | IL8 (77aa) | Z101615 | E. coli |
| CXCL12 (SDF-1 α) | Z101635 | E. coli | GGF2 | Z101655 | E. coli | IL9 | Z102475 | E. coli |
| CXCL12 (SDF-1 β) | Z101645 | E. coli | GH1 | Z100265 | E. coli | IL9 | Z102975 | HEK293 |
| CXCL14 (BRAK) | Z102375 | E. coli | GM-CSF (CSF2) | Z101165 | CHO | IL10 | Z101195 | |
| CXCL16 | Z102385 | E. coli | GM-CSF (CSF2) | Z100275 | E. coli | IL10 | Z101495 | E. coli |
| | | | GM-CSF (CSF2) | Z102765 | HEK293 | | | |
| | | | GMFB | Z101115 | E. coli | | | |

Growth Factors and Cytokines

Recombinant Human Growth Factors and Cytokines

| Product Name | Cat.No. | Source | Product Name | Cat.No. | Source | Product Name | Cat.No. | Source |
|---------------------|---------|-------------|-----------------------------|---------|---------|----------------------------|---------|--------------|
| IL10 | Z102835 | HEK293 | M-CSF | Z102985 | HEK293 | SCF | Z103035 | HEK293 |
| IL11 | Z100425 | E. coli | MANF | Z102065 | E. coli | SERPINF1 | Z100765 | E. coli |
| IL12 | Z102845 | HEK293 | Maspin (SerpinB5) | Z102505 | E. coli | SHH | Z101675 | E. coli |
| IL13 | Z100445 | E. coli | MCP-2 (CCL8) | Z100635 | E. coli | SOD1 | Z100795 | E. coli |
| IL15 | Z101205 | CHO | MCP-3 (CCL7) | Z101915 | E. coli | Stem Cell Factor (KITLG) | Z101375 | CHO |
| IL15 | Z100455 | E. coli | MCP-4 (CCL13) | Z100645 | E. coli | Stem Cell Factor (KITLG) | Z100815 | E. coli |
| IL16 | Z101215 | CHO | M-CSF (CSF1) | Z100655 | E. coli | TARC (CCL17) | Z100835 | E. coli |
| IL16 | Z102415 | E. coli | MEC (CCL28) | Z101025 | E. coli | TFF1 | Z101975 | E. coli |
| IL17A | Z100465 | E. coli | MIA | Z102045 | E. coli | TFF2 | Z101985 | E. coli |
| IL17A | Z102855 | HEK293 | MIA2 | Z102055 | E. coli | TFF3 | Z101995 | E. coli |
| IL17C | Z102225 | E. coli | Midkine (NEGF2) | Z102175 | E. coli | TGF Beta-1 | Z101555 | HEK293 |
| IL17D | Z102425 | E. coli | MIF | Z100915 | E. coli | TGF Beta-2 | Z103055 | HEK293 |
| IL17F | Z102435 | E. coli | MIG (CXCL9) | Z100665 | E. coli | TGF Beta-3 (TGFB3) | Z102515 | E. coli |
| IL17F | Z102865 | HEK293 | MIP-1 beta (CCL4L1) | Z102105 | E. coli | TGF Beta-3 (TGFB3) | Z103065 | HEK293 |
| IL18 | Z100475 | E. coli | MIP-3 (CCL23) | Z100695 | E. coli | TGFA | Z101935 | E. coli |
| IL18BP | Z101045 | HEK293 | MIP-3 alpha (CCL20) | Z100705 | E. coli | THBS1 | Z101395 | Insect Cells |
| IL19 | Z102445 | E. coli | MIP-3 beta (CCL19) | Z101945 | E. coli | THPO | Z101515 | E. coli |
| IL20 | Z101075 | E. coli | MIP-4 (CCL18) | Z100715 | E. coli | Thymosin-Beta 4 (TMSB4X) | Z102005 | E. coli |
| IL21 | Z101245 | CHO | MMP2 | Z101815 | E. coli | TNF | Z101385 | CHO |
| IL21 | Z100495 | E. coli | MSTN | Z100255 | E. coli | TNF | Z100855 | E. coli |
| IL22 | Z101255 | CHO | NAP-2 (PPBP) (CXCL7) | Z100725 | E. coli | TNFA | Z103075 | HEK293 |
| IL22 | Z100945 | E. coli | Neuritin | Z102185 | E. coli | TNFRSF10B | Z102245 | E. coli |
| IL23 | Z102885 | HEK293 | Nodal | Z102485 | E. coli | TNFRSF1A | Z102235 | E. coli |
| IL24 | Z101265 | CHO | Noggin (NOG) | Z101355 | CHO | TNFRSF1B | Z101745 | E. coli |
| IL27 | Z101275 | CHO | Noggin (NOG) | Z100925 | E. coli | TPO | Z103085 | HEK293 |
| IL27 | Z102895 | HEK293 | Noggin (NOG) | Z102995 | HEK293 | TRAIL (TNFSF10) | Z101755 | E. coli |
| IL28A | Z102455 | E. coli | NOV | Z102075 | E. coli | TSLP | Z101095 | E. coli |
| IL28A | Z102905 | HEK293 | NRG1 | Z101625 | E. coli | TWEAK (TNFSF12) | Z102275 | E. coli |
| IL28B | Z101285 | CHO | NRG4 | Z100905 | E. coli | TWEAK Receptor (TNFRSF12A) | Z102525 | E. coli |
| IL28B | Z102915 | HEK293 | OPG (TNFRSF11B) | Z101775 | E. coli | Uteroglobin (SCGB1A1) | Z101965 | E. coli |
| IL29 | Z102925 | HEK293 | OSM | Z101365 | CHO | VEGF121 | Z103095 | HEK293 |
| IL29 (IFNL1) | Z100505 | E. coli | OSM | Z100755 | E. coli | VEGF (121aa) | Z101405 | CHO |
| IL31 | Z100525 | E. coli | OSM | Z103005 | HEK293 | VEGF (121aa) | Z102115 | E. coli |
| IL33 | Z100535 | E. coli | PDGFA | Z100365 | E. coli | VEGF165 | Z103105 | HEK293 |
| IL36A | Z101865 | E. coli | PDGFA | Z103015 | HEK293 | VEGF (165aa) | Z101415 | CHO |
| IL36B | Z102465 | E. coli | PDGFB | Z100355 | E. coli | VEGF (165aa) | Z100895 | E. coli |
| IL36G | Z102215 | E. coli | PDGFC | Z101785 | E. coli | VEGFB | Z102535 | E. coli |
| IL37/IL23 | Z102085 | E. coli | Persephin (PSPN) | Z102495 | E. coli | WISP2 | Z101925 | E. coli |
| Insulin (INS) | Z101065 | Yeast Cells | PIGF | Z102615 | E. coli | WISP3 | Z102545 | E. coli |
| IP-10 (CXCL10) | Z100575 | E. coli | Pro-IGF-II | Z103025 | HEK293 | WNT1 | Z102125 | E. coli |
| KGF (FGF7) | Z101335 | CHO | Prolactin (PRL) | Z102145 | E. coli | | | |
| KGF (FGF7) | Z100595 | E. coli | PTH | Z100775 | E. coli | | | |
| LEC (CCL16) | Z100325 | E. coli | RANKL (TNFSF11) | Z102265 | E. coli | | | |
| Leptin (LEP) | Z101855 | E. coli | RANTES (CCL5) | Z100785 | E. coli | | | |
| LIF | Z101345 | CHO | Resistin (RETN) | Z100805 | E. coli | | | |
| LIF | Z100605 | E. coli | Resistin-like beta (RETNLB) | Z101955 | E. coli | | | |
| LTA | Z101565 | CHO | S100A13 | Z102195 | E. coli | | | |
| LTA | Z100865 | E. coli | S100A4 | Z101505 | E. coli | | | |
| Lymphotactin (XCL1) | Z100615 | E. coli | sCD23 (FCER2) | Z101835 | E. coli | | | |

Active Kinases Product List unit size :10 µg

| Cat No | Active Kinases | Cat No | Active Kinases | Cat No | Active Kinases |
|---------|---|---------|---|---------|---|
| Z500001 | Recombinant Human ABL1 (N-His tag) | Z500051 | Recombinant Human CAMK2 alpha (N-GST tag) | Z500106 | Recombinant Human DMPK (N-GST tag) |
| Z500002 | Recombinant Human ABL2 (N-His tag) | Z500052 | Recombinant Human CAMK2 beta (N-His tag) | Z500107 | Recombinant Human DRAK1 (STK17A) (N-GST tag) |
| Z500003 | Recombinant Human ACK (N-GST tag) | Z500053 | Recombinant Human CAMK2 delta (N-GST tag) | Z500108 | Recombinant Human DRAK2 (STK17B) (N-GST tag) |
| Z500004 | Recombinant Human AKT1 (N-GST tag) | Z500054 | Recombinant Human CAMK2 gamma (N-GST tag) | Z500109 | Recombinant Human DYRK1B (N-GST tag) |
| Z500005 | Recombinant Human AKT2 (N-GST tag) | Z500055 | Recombinant Human CAMK2beta (N-GST tag) | Z500110 | Recombinant Human DYRK2 (N-GST tag) |
| Z500006 | Recombinant Human AKT2 (N-His tag) | Z500056 | Recombinant Human CAMK2gamma (N-GST tag) | Z500111 | Recombinant Human DYRK3 (N-GST tag) |
| Z500007 | Recombinant Human AKT3 (N-GST tag) | Z500057 | Recombinant Human CAMK4 (N-GST tag) | Z500112 | Recombinant Human DYRK4 (N-GST tag) |
| Z500008 | Recombinant Human ALK (N-GST tag) | Z500058 | Recombinant Human CAMKK1 (N-GST tag) | Z500113 | Recombinant Human EEF2K (N-GST tag) |
| Z500009 | Recombinant Human ALK1 (N-GST tag) | Z500059 | Recombinant Human CAMKK2 (N-GST tag) | Z500114 | Recombinant Human EGFR (N-GST tag) |
| Z500010 | Recombinant Human ALK2 (N-GST tag) | Z500060 | Recombinant Human CASK (N-GST tag) | Z500115 | Recombinant Human EIF2AK1 (HR1) (N-GST tag) |
| Z500011 | Recombinant Human ALK3 (BMPR1A) (N-GST tag) | Z500061 | Recombinant Human CDC42BPG (DMPK2) (N-GST tag) | Z500116 | Recombinant Human EIF2AK2 (N-GST tag) |
| Z500012 | Recombinant Human ALK4 (N-GST tag) | Z500062 | Recombinant Human CDC7/DBF4 (N-GST tag) | Z500117 | Recombinant Human EIF2AK3 (N-GST tag) |
| Z500013 | Recombinant Human ALK6 (BMPR1B) (N-GST tag) | Z500063 | Recombinant Human CDK1/CyclinA1 (N-GST tag) | Z500118 | Recombinant Human EIF2AK4 (GCN2) (N-GST tag) |
| Z500014 | Recombinant Human AMPK (A1/B1/G1) (C-His tag) | Z500064 | Recombinant Human CDK1/CyclinA2 (N-GST tag) | Z500119 | Recombinant Human EPHA1 (569-end) (N-GST tag) |
| Z500015 | Recombinant Human AMPK (A1/B1/G2) (N-GST/C-His tag) | Z500065 | Recombinant Human CDK1/CyclinB1 (N-GST tag) | Z500120 | Recombinant Human EPHA1 (613-892aa) (N-GST tag) |
| Z500016 | Recombinant Human AMPK (A1/B1/G2) (C-His tag) | Z500066 | Recombinant Human CDK2/CyclinA1 (N-GST tag) | Z500121 | Recombinant Human EPHA2 (N-GST tag) |
| Z500017 | Recombinant Human AMPK (A1/B1/G3) (N-GST/C-His tag) | Z500067 | Recombinant Human CDK2/CyclinA2 (N-GST tag) | Z500122 | Recombinant Human EPHA3 (N-GST tag) |
| Z500018 | Recombinant Human AMPK (A1/B1/G3) (C-His tag) | Z500068 | Recombinant Human CDK2/CyclinE1 (N-GST tag) | Z500123 | Recombinant Human EPHA4 (610-887aa) (N-GST tag) |
| Z500019 | Recombinant Human AMPK (A1/B2/G1) (N-GST/C-His tag) | Z500069 | Recombinant Human CDK2/CyclinO (N-GST tag) | Z500124 | Recombinant Human EPHA4 (570-end) (N-GST tag) |
| Z500020 | Recombinant Human AMPK (A1/B2/G1) (C-His tag) | Z500070 | Recombinant Human CDK3/CyclinE1 (N-GST tag) | Z500125 | Recombinant Human EPHA6 (N-GST tag) |
| Z500021 | Recombinant Human AMPK (A1/B2/G2) (N-GST/C-His tag) | Z500071 | Recombinant Human CDK4/CyclinD1 (N-GST tag) | Z500126 | Recombinant Human EPHB2 (570-end) (N-GST tag) |
| Z500022 | Recombinant Human AMPK (A1/B2/G3) (N-GST/C-His tag) | Z500072 | Recombinant Human CDK4/CyclinD3 (N-GST tag) | Z500127 | Recombinant Human EPHB2 (611-893aa) (N-GST tag) |
| Z500023 | Recombinant Human AMPK (A2/B1/G1) (C-His tag) | Z500073 | Recombinant Human CDK5/p25 (N-GST tag) | Z500128 | Recombinant Human EPHB3 (N-GST tag) |
| Z500024 | Recombinant Human AMPK (A2/B1/G2) (N-GST/C-His tag) | Z500074 | Recombinant Human CDK5/p35 (N-GST tag) | Z500129 | Recombinant Human EPHB4 (N-GST tag) |
| Z500025 | Recombinant Human AMPK (A2/B1/G3) (N-GST/C-His tag) | Z500075 | Recombinant Human CDK6/CyclinD1 (N-GST/His tag) | Z500130 | Recombinant Human EPHB4 (N-His tag) |
| Z500026 | Recombinant Human AMPK (A2/B2/G1) (N-GST/C-His tag) | Z500076 | Recombinant Human CDK6/CyclinD3 (N-His tag) | Z500131 | Recombinant Human ERK1 (N-GST tag) |
| Z500027 | Recombinant Human AMPK (A2/B2/G1) (C-His tag) | Z500077 | Recombinant Human CDK7/CyclinH1/MNAT1 (N-His tag) | Z500132 | Recombinant Human ERK1 |
| Z500028 | Recombinant Human AMPK (A2/B2/G2) (N-GST/C-His tag) | Z500078 | Recombinant Human CDK9/CyclinK (N-GST tag) | Z500133 | Recombinant Human ERK2 (N-GST tag) |
| Z500029 | Recombinant Human AMPK (A2/B2/G2) (C-His tag) | Z500079 | Recombinant Human CDK9/CyclinT2 (N-GST tag) | Z500134 | Recombinant Human ERK5 (N-GST tag) |
| Z500030 | Recombinant Human AMPK (A2/B2/G3) (N/C His tag) | Z500080 | Recombinant Human CHK1 (N-GST tag) | Z500135 | Recombinant Human ERN1 (IRE1) (N-GST tag) |
| Z500031 | Recombinant Human ANKK1 (SGK288) (N-GST tag) | Z500081 | Recombinant Human CHK1 (N-His tag) | Z500136 | Recombinant Human ERN2 (IRE2) (N-GST tag) |
| Z500032 | Recombinant Human ASK1 (N-GST tag) | Z500082 | Recombinant Human CHK2 (N-GST tag) | Z500137 | Recombinant Human FAK (N-GST tag) |
| Z500033 | Recombinant Human AURORA A (N-GST tag) | Z500083 | Recombinant Human CK1 alpha 1 (N-GST tag) | Z500138 | Recombinant Human FAK (N-His tag) |
| Z500034 | Recombinant Human AURORA B (N-GST tag) | Z500084 | Recombinant Human CK1 alpha 1L (N-GST tag) | Z500139 | Recombinant Human FASTK (N-GST tag) |
| Z500035 | Recombinant Human AURORA C (N-GST tag) | Z500085 | Recombinant Human CK1 delta (N-GST tag) | Z500140 | Recombinant Human FES (N-GST tag) |
| Z500036 | Recombinant Human AXL (N-His tag) | Z500086 | Recombinant Human CK1 epsilon (N-GST tag) | Z500141 | Recombinant Human FGFR1 (FLT2) (N-GST tag) |
| Z500037 | Recombinant Human BLK (N-GST tag) | Z500087 | Recombinant Human CK1 gamma 1 (N-GST tag) | Z500142 | Recombinant Human FGFR2 (N-GST tag) |
| Z500038 | Recombinant Human BMPR2 (N-His tag) | Z500088 | Recombinant Human CK1 gamma 2 (N-GST tag) | Z500143 | Recombinant Human FGFR3 (N-GST tag) |
| Z500039 | Recombinant Human BMX (N-GST tag) | Z500089 | Recombinant Human CK1 gamma 3 (N-GST tag) | Z500144 | Recombinant Human FGFR4 (N-GST tag) |
| Z500040 | Recombinant Human BRAF (N-GST tag) | Z500090 | Recombinant Human CK2 alpha 1 (N-GST tag) | Z500145 | Recombinant Human FGR (N-GST tag) |
| Z500041 | Recombinant Human BRAF (N-GST tag) | Z500091 | Recombinant Human CK2 alpha 2 (N-GST tag) | Z500146 | Recombinant Human FLT1 (N-GST tag) |
| Z500042 | Recombinant Human BRK (N-GST tag) | Z500092 | Recombinant Human CLK1 (N-GST tag) | Z500147 | Recombinant Human FLT3 (N-GST tag) |
| Z500043 | Recombinant Human BRSK2 (N-GST tag) | Z500093 | Recombinant Human CLK2 (N-GST tag) | Z500148 | Recombinant Human FLT4 (N-GST tag) |
| Z500044 | Recombinant Human BTK (N-His tag) | Z500094 | Recombinant Human CLK3 (N-GST tag) | Z500149 | Recombinant Human FMS (N-GST tag) |
| Z500045 | Recombinant Human BUB1B (N-GST tag) | Z500095 | Recombinant Human CLK4 (N-GST tag) | Z500150 | Recombinant Human FRK (N-GST tag) |
| Z500046 | Recombinant Human c-KIT (N-GST tag) | Z500096 | Recombinant Human COT (N-GST tag) | Z500151 | Recombinant Human FYN A (N-GST tag) |
| Z500047 | Recombinant Human c-MER (N-GST tag) | Z500097 | Recombinant Human CSK (N-GST tag) | Z500152 | Recombinant Human GCK (N-GST tag) |
| Z500048 | Recombinant Human CAMK1 delta (N-GST tag) | Z500098 | Recombinant Human CSK | Z500153 | Recombinant Human GLK (N-GST tag) |
| Z500049 | Recombinant Human CAMK1 gamma (N-GST tag) | Z500099 | Recombinant Human DAPK1 (N-GST tag) | Z500154 | Recombinant Human GRK1 (N-GST tag) |
| Z500050 | Recombinant Human CAMK1 gamma (1-330aa) (N-GST tag) | Z500100 | Recombinant Human DAPK2 (N-GST tag) | Z500155 | Recombinant Human GRK2 (N-GST tag) |
| | | Z500101 | Recombinant Human DAPK3 (N-GST tag) | Z500156 | Recombinant Human GRK3 (N-GST tag) |
| | | Z500102 | Recombinant Human DCAMKL1 (N-GST tag) | Z500157 | Recombinant Human GRK5 (N-GST tag) |
| | | Z500103 | Recombinant Human DCAMKL2 (N-GST tag) | Z500158 | Recombinant Human GRK6 (N-GST tag) |
| | | Z500104 | Recombinant Human DDR1 (N-GST tag) | Z500159 | Recombinant Human GRK7 (N-GST tag) |
| | | Z500105 | Recombinant Human DDR2 (N-GST tag) | Z500160 | Recombinant Human GSK3 alpha (N-GST tag) |
| | | | | Z500161 | Recombinant Human GSK3 beta (N-GST tag) |

Active Kinases Product List unit size : 10 µg

| Cat No | Active Kinases | Cat No | Active Kinases | Cat No | Active Kinases |
|---------|--|---------|--|---------|---|
| Z500162 | Recombinant Human GSK3 beta (N-His tag) | Z500218 | Recombinant Human MEKK1 (N-GST tag) | Z500274 | Recombinant Human PCTK1 (CDK16)/CyclinY (N-GST tag) |
| Z500163 | Recombinant Human Haspin (GSG2) (N-GST tag) | Z500219 | Recombinant Human MEKK2 (N-GST tag) | Z500275 | Recombinant Human PCTK2 (CDK17)/CyclinY (N-GST tag) |
| Z500164 | Recombinant Human HCK (N-GST tag) | Z500220 | Recombinant Human MEKK3 (N-GST tag) | Z500276 | Recombinant Human PCTK3 (CDK18)/CyclinY (N-GST tag) |
| Z500165 | Recombinant Human HER2 (N-GST tag) | Z500221 | Recombinant Human MEKK6 (N-GST tag) | Z500277 | Recombinant Human PDGFR alpha (N-GST tag) |
| Z500166 | Recombinant Human HER4 (N-GST tag) | Z500222 | Recombinant Human MELK (1-340aa) (N-GST tag) | Z500278 | Recombinant Human PDGFR beta (N-GST tag) |
| Z500167 | Recombinant Human HGK (N-GST tag) | Z500223 | Recombinant Human MELK (1-550aa) (N-GST tag) | Z500279 | Recombinant Human PDHK1 (N-GST tag) |
| Z500168 | Recombinant Human HIPK1 (N-GST tag) | Z500224 | Recombinant Human MET (N-GST tag) | Z500280 | Recombinant Human PDHK2 (N-GST tag) |
| Z500169 | Recombinant Human HIPK3 (N-His tag) | Z500225 | Recombinant Human MINK1 (N-GST tag) | Z500281 | Recombinant Human PDHK3 (N-GST tag) |
| Z500170 | Recombinant Human HIPK4 (N-GST tag) | Z500226 | Recombinant Human MLCK (N-GST tag) | Z500282 | Recombinant Human PDHK4 (N-GST tag) |
| Z500171 | Recombinant Human HIPK4 (N-His tag) | Z500227 | Recombinant Human MLK1 (N-GST tag) | Z500283 | Recombinant Human PDK1 (N-His tag) |
| Z500172 | Recombinant Human HPK1 (N-GST tag) | Z500228 | Recombinant Human MLK2 (N-GST tag) | Z500284 | Recombinant Human PEAK1 (N-GST tag) |
| Z500173 | Recombinant Human HUNK (N-GST tag) | Z500229 | Recombinant Human MLK3 (N-GST tag) | Z500285 | Recombinant Human PFTK1 (CDK14)/CyclinY (N-GST tag) |
| Z500174 | Recombinant Human ICK (N-GST tag) | Z500230 | Recombinant Human MLK4 (N-GST tag) | Z500286 | Recombinant Human PHKG1 (N-GST tag) |
| Z500175 | Recombinant Human IGF1R (N-His tag) | Z500231 | Recombinant Human MNK1 (N-GST tag) | Z500287 | Recombinant Human PHKG2 (N-GST tag) |
| Z500176 | Recombinant Human IKK alpha (N-GST tag) | Z500232 | Recombinant Human MNK2 (N-GST tag) | Z500288 | Recombinant Human PI3K (p110 alpha/p55 gamma) (N-His tag) |
| Z500177 | Recombinant Human IKK beta (N-GST tag) | Z500233 | Recombinant Human MRCK alpha (N-GST tag) | Z500289 | Recombinant Human PI3K (p110 alpha/p85 alpha) (N-His tag) |
| Z500178 | Recombinant Human IKK epsilon (N-GST tag) | Z500234 | Recombinant Human MRCK beta (N-GST tag) | Z500290 | Recombinant Human PI3K (p110 beta/p85 alpha) (N-His tag) |
| Z500179 | Recombinant Human InsR (N-GST tag) | Z500235 | Recombinant Human MSK1 (N-GST tag) | Z500291 | Recombinant Human PI3K (p110 beta/p85 beta) (N-His tag) |
| Z500180 | Recombinant Human IRAK2 (N-GST tag) | Z500236 | Recombinant Human MSSK1 (N-GST tag) | Z500292 | Recombinant Human PI3K (p110 delta/p85 alpha) (N-His tag) |
| Z500181 | Recombinant Human IRAK4 (N-GST tag) | Z500237 | Recombinant Human MST1 (N-GST tag) | Z500293 | Recombinant Human PI3K (p120 gamma) (N-His tag) |
| Z500182 | Recombinant Human IRR (N-GST tag) | Z500238 | Recombinant Human MST3 (N-GST tag) | Z500294 | Recombinant Human PI4K2A (N-GST tag) |
| Z500183 | Recombinant Human ITK (N-GST tag) | Z500239 | Recombinant Human MST4 (N-GST tag) | Z500295 | Recombinant Human PI4K2B (N-GST tag) |
| Z500184 | Recombinant Human ITK (352-end) (N-GST tag) | Z500240 | Recombinant Human MUSK (N-GST tag) | Z500296 | Recombinant Human PI4KB (N-GST tag) |
| Z500185 | Recombinant Human JAK1 (N-GST tag) | Z500241 | Recombinant Human MYLK2 (N-His tag) | Z500297 | Recombinant Human PIK3C2A (N-GST tag) |
| Z500186 | Recombinant Human JAK2 (N-GST tag) | Z500242 | Recombinant Human MYLK3 (N-GST tag) | Z500298 | Recombinant Human PIK3C2G (N-GST tag) |
| Z500187 | Recombinant Human JAK3 (N-GST tag) | Z500243 | Recombinant Human MYLK4 (N-GST tag) | Z500299 | Recombinant Human PIK3C3 (Vps34) (N-GST tag) |
| Z500188 | Recombinant Human JNK2 (N-GST tag) | Z500244 | Recombinant Human MYO3 beta (N-GST tag) | Z500300 | Recombinant Human PIM1 (N-GST tag) |
| Z500189 | Recombinant Human JNK3 (N-GST tag) | Z500245 | Recombinant Human MYO3alpha (N-GST tag) | Z500301 | Recombinant Human PIM2 (N-GST tag) |
| Z500190 | Recombinant Human KDR (N-GST tag) | Z500246 | Recombinant Human NDR (N-GST tag) | Z500302 | Recombinant Human PIM3 (N-GST tag) |
| Z500191 | Recombinant Human KHS1 (N-GST tag) | Z500247 | Recombinant Human NDR2 (N-GST tag) | Z500303 | Recombinant Human PIP4K2A (N-GST tag) |
| Z500192 | Recombinant Human KSR1 (431-end) (N-GST tag) | Z500248 | Recombinant Human NEK1 (N-GST tag) | Z500304 | Recombinant Human PIP5K1A (N-GST tag) |
| Z500193 | Recombinant Human KSR1 (335-end) (N-GST tag) | Z500249 | Recombinant Human NEK2 (N-GST tag) | Z500305 | Recombinant Human PIP5K1B (N-GST tag) |
| Z500194 | Recombinant Human KSR2 (N-GST tag) | Z500250 | Recombinant Human NEK3 (N-GST tag) | Z500306 | Recombinant Human PIP5K1C (N-GST tag) |
| Z500195 | Recombinant Human LATS1 (N-GST tag) | Z500251 | Recombinant Human NEK4 (N-GST tag) | Z500307 | Recombinant Human PKAc alpha (N-GST tag) |
| Z500196 | Recombinant Human LATS2 (N-GST tag) | Z500252 | Recombinant Human NEK5 (N-GST tag) | Z500308 | Recombinant Human PKAc beta (N-GST tag) |
| Z500197 | Recombinant Human LCK (N-GST tag) | Z500253 | Recombinant Human NEK6 (N-GST tag) | Z500309 | Recombinant Human PKAc gamma (N-GST tag) |
| Z500198 | Recombinant Human LIMK1 (N-GST tag) | Z500254 | Recombinant Human NEK7 (N-GST tag) | Z500310 | Recombinant Human PKC alpha (N-GST tag) |
| Z500199 | Recombinant Human LOK (N-GST tag) | Z500255 | Recombinant Human NEK8 (N-GST tag) | Z500311 | Recombinant Human PKC beta I (N-GST tag) |
| Z500200 | Recombinant Human LRRK2 (N-GST tag) | Z500256 | Recombinant Human NEK9 (N-GST tag) | Z500312 | Recombinant Human PKC beta II (N-GST tag) |
| Z500201 | Recombinant Human LTK (N-GST tag) | Z500257 | Recombinant Human NIK (N-GST tag) | Z500313 | Recombinant Human PKC delta (N-GST tag) |
| Z500202 | Recombinant Human LYN A (N-GST tag) | Z500258 | Recombinant Human NIM1 (N-GST tag) | Z500314 | Recombinant Human PKC epsilon (N-GST tag) |
| Z500203 | Recombinant Human LYN B (N-GST tag) | Z500259 | Recombinant Human NLK (N-GST tag) | Z500315 | Recombinant Human PKC eta (N-GST tag) |
| Z500204 | Recombinant Human MAK (N-GST tag) | Z500260 | Recombinant Human NUAK1 (N-GST tag) | Z500316 | Recombinant Human PKC gamma (N-GST tag) |
| Z500205 | Recombinant Human MAPKAPK2 (N-GST tag) | Z500261 | Recombinant Human NUAK2 (N-GST tag) | Z500317 | Recombinant Human PKC iota (N-GST tag) |
| Z500206 | Recombinant Human MAPKAPK2 (N-His tag) | Z500262 | Recombinant Human p38 alpha (N-GST tag) | Z500318 | Recombinant Human PKC mu (N-GST tag) |
| Z500207 | Recombinant Human MAPKAPK3 (N-GST tag) | Z500263 | Recombinant Human p38 beta (N-GST tag) | Z500319 | Recombinant Human PKC nu (N-GST tag) |
| Z500208 | Recombinant Human MAPKAPK5 (N-GST tag) | Z500264 | Recombinant Human p38 delta (N-GST tag) | Z500320 | Recombinant Human PKC theta (N-GST tag) |
| Z500209 | Recombinant Human MARK1 (N-GST tag) | Z500265 | Recombinant Human p38 gamma (N-GST tag) | Z500321 | Recombinant Human PKC zeta (N-GST tag) |
| Z500210 | Recombinant Human MARK2 (N-GST tag) | Z500266 | Recombinant Human p70S6K (N-His tag) | Z500322 | Recombinant Human PKD2 (N-GST tag) |
| Z500211 | Recombinant Human MARK3 (N-GST tag) | Z500267 | Recombinant Human p70S6Kb (N-GST tag) | Z500323 | Recombinant Human PKN1/PRK1 (N-GST tag) |
| Z500212 | Recombinant Human MARK4 (N-GST tag) | Z500268 | Recombinant Human PAK1 (N-GST tag) | | |
| Z500213 | Recombinant Human MATK (CTK) (N-GST tag) | Z500269 | Recombinant Human PAK1/CDC42 (N-GST tag) | | |
| Z500214 | Recombinant Human MEK1 (N-GST tag) | Z500270 | Recombinant Human PAK4 (N-GST tag) | | |
| Z500215 | Recombinant Human MEK2 (N-GST tag) | Z500271 | Recombinant Human PAK6 (N-GST tag) | | |
| Z500216 | Recombinant Human MEK5 (N-GST tag) | Z500272 | Recombinant Human PAK7 (N-GST tag) | | |
| Z500217 | Recombinant Human MEK6 (N-GST tag) | Z500273 | Recombinant Human PASK (N-GST tag) | | |

Active Kinases Product List unit size :10 µg

| Cat No | Active Kinases | Cat No | Active Kinases | Cat No | Active Kinases |
|---------|---|---------|--|---------|--|
| Z500324 | Recombinant Human PKN2/PRK2 (N-GST tag) | Z500364 | Recombinant Human SPHK2 (N-GST tag) | Z500404 | Recombinant Human ULK3 (N-His tag) |
| Z500325 | Recombinant Human PKN3/PRK3 (N-GST tag) | Z500365 | Recombinant Human SRC (N-GST tag) | Z500405 | Recombinant Human VRK1 (N-GST tag) |
| Z500326 | Recombinant Human PLK1 (N-His tag) | Z500366 | Recombinant Human SRMS (N-GST tag) | Z500406 | Recombinant Human VRK2 (N-GST tag) |
| Z500327 | Recombinant Human PLK2 (N-GST tag) | Z500367 | Recombinant Human SRPK1 (N-GST tag) | Z500407 | Recombinant Human WNK1 (N-GST tag) |
| Z500328 | Recombinant Human PLK3 (N-GST tag) | Z500368 | Recombinant Human SRPK2 (N-GST tag) | Z500408 | Recombinant Human WNK2 (N-GST tag) |
| Z500329 | Recombinant Human PLK4 (N-GST tag) | Z500369 | Recombinant Human STK19 (N-GST tag) | Z500409 | Recombinant Human YES1 (N-GST tag) |
| Z500330 | Recombinant Human PRKG1 (N-GST tag) | Z500370 | Recombinant Human STK21 (CIT) (N-GST tag) | Z500410 | Recombinant Human YSK4 (MAP3K19) (N-GST tag) |
| Z500331 | Recombinant Human PRKG1 (324-end) (N-GST tag) | Z500371 | Recombinant Human STK3 (N-GST tag) | Z500411 | Recombinant Human ZAK (N-GST tag) |
| Z500332 | Recombinant Human PRKG2 (N-GST tag) | Z500372 | Recombinant Human STK32B (YANK2) (N-GST tag) | Z500412 | Recombinant Human ZAP70 (N-GST tag) |
| Z500333 | Recombinant Human PRKX (N-GST tag) | Z500373 | Recombinant Human STK32C (YANK3) (N-GST tag) | Z600001 | Recombinant Mouse ABL1 (N-His tag) |
| Z500334 | Recombinant Human PYK2 (N-His tag) | Z500374 | Recombinant Human STK33 (N-GST tag) | Z600002 | Recombinant Mouse AURORA A (N-GST tag) |
| Z500335 | Recombinant Human QIK (N-GST tag) | Z500375 | Recombinant Human STK36 (N-GST tag) | Z600004 | Recombinant Mouse BRSK1 (N-GST tag) |
| Z500336 | Recombinant Human RAF1 (EE) (N-GST tag) | Z500376 | Recombinant Human STK39 (STLK3) (N-His tag) | Z600007 | Recombinant Mouse CAMK1 (N-GST tag) |
| Z500337 | Recombinant Human RET (N-GST tag) | Z500377 | Recombinant Human SYK (N-GST tag) | Z600006 | Recombinant Mouse CAMK1 beta (N-GST tag) |
| Z500338 | Recombinant Human RIPK1 (N-GST tag) | Z500378 | Recombinant Human TAK1-TAB1 (N-GST tag) | Z600009 | Recombinant Mouse EPHA1 (N-GST tag) |
| Z500339 | Recombinant Human RIPK2 (N-GST tag) | Z500379 | Recombinant Human TAOK1 (N-GST tag) | Z600010 | Recombinant Mouse EPHA7 (N-GST tag) |
| Z500340 | Recombinant Human RIPK3 (N-GST tag) | Z500380 | Recombinant Human TAOK2 (N-GST tag) | Z600011 | Recombinant Mouse EPHB1 (N-GST tag) |
| Z500341 | Recombinant Human RIPK5 (N-GST tag) | Z500381 | Recombinant Human TAOK3 (N-GST tag) | Z600012 | Recombinant Mouse FER (N-GST tag) |
| Z500342 | Recombinant Human ROCK1 (N-GST tag) | Z500382 | Recombinant Human TBK1 (N-GST tag) | Z600013 | Recombinant Mouse HIPK2 (N-GST tag) |
| Z500343 | Recombinant Human ROCK2 (N-GST tag) | Z500383 | Recombinant Human TEC (N-GST tag) | Z600014 | Recombinant Mouse JNK1 (N-GST tag) |
| Z500344 | Recombinant Human ROCK2 (N-His tag) | Z500384 | Recombinant Human TESK2 (N-GST tag) | Z600015 | Recombinant Mouse MEK1 (EE) (N-GST tag) |
| Z500345 | Recombinant Human RON (N-GST tag) | Z500385 | Recombinant Human TGFBR1 (ALK5) (N-GST tag) | Z600017 | Recombinant Mouse MSK2 (N-GST tag) |
| Z500346 | Recombinant Human ROR1 (N-GST tag) | Z500386 | Recombinant Human TGFBR2 (N-GST tag) | Z600018 | Recombinant Mouse NEK1 (N-GST tag) |
| Z500347 | Recombinant Human ROR2 (N-GST tag) | Z500387 | Recombinant Human TIE2 (N-GST tag) | Z600019 | Recombinant Mouse PAK3 (N-GST tag) |
| Z500348 | Recombinant Human ROS1 (G2032R) (N-GST tag) | Z500388 | Recombinant Human TLK1 (N-GST tag) | Z600020 | Recombinant Mouse PDGFR alpha (N-GST tag) |
| Z500349 | Recombinant Human ROS1 (N-GST tag) | Z500389 | Recombinant Human TLK2 (N-GST tag) | Z600021 | Recombinant Mouse PIM3 (N-GST tag) |
| Z500350 | Recombinant Human RSK1 (N-GST tag) | Z500390 | Recombinant Human TNIK (N-GST tag) | Z600025 | Recombinant Mouse TGFBR1 (ALK5) (N-GST tag) |
| Z500351 | Recombinant Human RSK2 (N-GST tag) | Z500391 | Recombinant Human TOPK (N-GST tag) | Z600026 | Recombinant Mouse TGFBR2 (N-GST tag) |
| Z500352 | Recombinant Human RSK3 (N-GST tag) | Z500392 | Recombinant Human TRKA (N-GST tag) | Z600027 | Recombinant Mouse TTBK2 (N-GST tag) |
| Z500353 | Recombinant Human RSK4 (N-GST tag) | Z500393 | Recombinant Human TRKB (N-GST tag) | Z600029 | Recombinant Mouse WNK4 (N-GST tag) |
| Z500354 | Recombinant Human SBK1 (N-GST tag) | Z500394 | Recombinant Human TRKC (N-His tag) | Z600003 | Recombinant Rat BMX (N-GST tag) |
| Z500355 | Recombinant Human SGK1 (N-GST tag) | Z500395 | Recombinant Human TSSK1B (N-GST tag) | Z600005 | Recombinant Rat BTK (N-His tag) |
| Z500356 | Recombinant Human SGK2 (N-GST tag) | Z500396 | Recombinant Human TSSK2 (N-GST tag) | Z600008 | Recombinant Rat CAMKK1 (N-GST tag) |
| Z500357 | Recombinant Human SGK3 (N-GST tag) | Z500397 | Recombinant Human TTBK1 (N-GST tag) | Z600016 | Recombinant Rat MET (N-GST tag) |
| Z500358 | Recombinant Human SIK (N-GST tag) | Z500398 | Recombinant Human TTK (N-GST tag) | Z600024 | Recombinant Rat TEC (N-GST tag) |
| Z500359 | Recombinant Human SIK3 (N-GST tag) | Z500399 | Recombinant Human TXK (N-GST tag) | Z600028 | Recombinant Rat TXK (N-GST tag) |
| Z500360 | Recombinant Human SLK (N-GST tag) | Z500400 | Recombinant Human TYK2 (JTK1) (N-GST tag) | Z600023 | Recombinant Rous Sarcoma Virus SRC (N-GST tag) |
| Z500361 | Recombinant Human SNRK (N-GST tag) | Z500401 | Recombinant Human TYRO3 (N-GST tag) | Z600022 | Recombinant Xenopus PKC alpha (N-GST tag) |
| Z500362 | Recombinant Human SOK1 (N-GST tag) | Z500402 | Recombinant Human ULK1 (N-GST tag) | | |
| Z500363 | Recombinant Human SPHK1 (N-GST tag) | Z500403 | Recombinant Human ULK2 (N-GST tag) | | |

Active Kinases

- **High Purity** - abm's active kinases are produced to ensure consistent quality and up to 95% purity, as assessed by SDS-PAGE, on every lot.
- **Assured Biological Activity** - All of abm's kinases are assayed to ensure reliable and reproducible functionality
(specific activity is reported for each lot).
- **A Wide Selection** - Choose from over 400 active kinases from Human, Rat, Mouse and others.
- **Application** - abm's kinases can be applied towards specific kinase assays and western blot experiments