

Active Recombinant Human MAPK13 protein, GST-tagged

Cat. No. MAPK13-357H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPK13 protein(O15264) (Met1-Leu365) was expressed in Insect Cells, fused with the GST tag at the N-terminus. Activated in vitro by MAP2K6.
Species	Human
Source	Insect Cells
ProteinLength	1-365 aa
Form	Supplied as sterile 50 mM Tris-HCl, 150 mM NaCl, 0.25 mM DTT, 0.1 mM EDTA, 0.1 mM PMSF, 25 % glycerol, pH 7.5.
Bio-activity	The specific activity was determined to be 55 nmol/min/mg using MBP as substrate.
Molecular Mass	The recombinant human MAPK13/GST chimera consists of 589 amino acids and predicts a molecular mass of 68.4 kDa. It migrates as an approximately 63.9 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [MAPK13 mitogen-activated protein kinase 13 \[Homo sapiens \]](#)

Official Symbol [MAPK13](#)

Synonyms MAPK13; mitogen-activated protein kinase 13; PRKM13; p38delta; SAPK4; MAPK 13; MAP kinase 13; MAP kinase p38 delta; stress-activated protein kinase 4; mitogen-activated protein kinase p38 delta; MGC99536;

Gene ID [5603](#)

mRNA Refseq [NM_002754](#)

Protein Refseq [NP_002745](#)

MIM [602899](#)

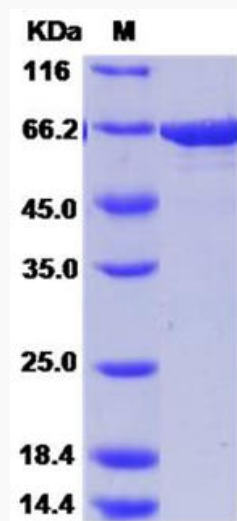
UniProt ID [O15264](#)

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SDS-PAGE



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