

Recombinant Human MAP4K5 protein, His&GST-tagged

Cat. No. MAP4K5-947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP4K5 protein(NP_006566.2) (Met 1-Tyr 846) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-846 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 0.5mM TCEP, pH 8.5.
Molecular Mass	The recombinant human MAP4K5/GST chimera consists of 1083 amino acids and has a calculated molecular mass of 123 kDa. It migrates as an approximately 116 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 82 % 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 [MAP4K5 mitogen-activated protein kinase kinase kinase kinase 5 \[Homo sapiens \]](#)

Official Symbol [MAP4K5](#)

Synonyms

MAP4K5; mitogen-activated protein kinase kinase kinase kinase 5; GCKR; germinal center kinase related; KHS; KHS1; MEKKK 5; MEK kinase kinase 5; germinal center kinase-related; MAPK/ERK kinase kinase kinase 5; kinase homologous to SPS1/STE20; MAPKKKK5;

Gene ID [11183](#)

mRNA Refseq [NM_006575](#)

Protein Refseq [NP_006566](#)

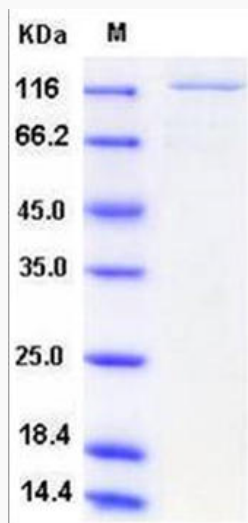
MIM [604923](#)

UniProt ID [Q9Y4K4](#)

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SDS-PAGE

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