

Recombinant Human MAPKAPK5 protein, His&GST-tagged

Cat. No. MAPKAPK5-567H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAPKAPK5 protein(NP_003659.2) (Met 1-Gln 471) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-471 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerol.
Molecular Mass	The recombinant human MAPKAPK5/GST chimera consists of 708 amino acids and has a calculated molecular mass of 82 KDa. It migrates as an approximately 75KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 76 % 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

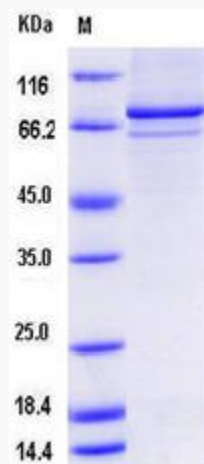
Gene Name	MAPKAPK5 mitogen-activated protein kinase-activated protein kinase 5 [Homo sapiens]
Official Symbol	MAPKAPK5
Synonyms	MAPKAPK5; mitogen-activated protein kinase-activated protein kinase 5; MAP kinase-activated protein kinase 5; PRAK; MAPKAPK-5; MAPKAP kinase 5; MAPK-activated protein kinase 5; p38-regulated/activated protein kinase; MK5; MK-5; MAPKAP-K5;
Gene ID	8550
mRNA Refseq	NM_003668
Protein Refseq	NP_003659
MIM	606723
UniProt ID	Q8IW41

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SDS-PAGE



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