

Recombinant Human MAP2K2 protein, GST-tagged

Cat. No. MAP2K2-968H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP2K2 protein(NP_109587.1) (Met 1-Val 400) was expressed in Insect Cells, fused with the GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-400 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 2mM GSH, pH 7.4.
Molecular Mass	The recombinant human MAP2K2/GST chimera consists of 624 amino acids and has a calculated molecular mass of 70.7 kDa. It migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	MAP2K2 mitogen-activated protein kinase kinase 2 [Homo sapiens]
Official Symbol	MAP2K2
Synonyms	MAP2K2; mitogen-activated protein kinase kinase 2; PRKMK2; dual specificity mitogen-activated protein kinase kinase 2; MEK2; MAPK/ERK kinase 2; MAP kinase kinase 2; ERK activator kinase 2; mitogen-activated protein kinase kinase 2, p45; MKK2; MAPKK2; FLJ26075;
Gene ID	5605
mRNA Refseq	NM_030662
Protein Refseq	NP_109587
MIM	601263
UniProt ID	P36507

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