

Active Recombinant Human MAP2K6 protein (Met 1-Asp 334 (Ser 207/Asp, Thr 211/Asp)), His & GST-tagged

Cat. No. MAP2K6-889H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human MAP2K6 isoform 1 (P52564-1) (Met 1-Asp 334, Ser 207/Asp, Thr 211/Asp) protein, fused with the N-terminal polyhistidine-tagged GST tag, was expressed in HEK293 Cells.
Species	Human
Source	Insect Cells
ProteinLength	1-334 a.a.
CommonName	MAP2K6
Predicted N Terminal	Met
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerol.
Bio-activity	The specific activity was determined to be 200 nmol/min/mg using inactive MAPK14 as substrate.
Molecular Mass	The recombinant human MAP2K6(S207D&T211D)/GST chimera consists of 571 amino acids and has a calculated molecular mass of 65.3 KDa. It migrates as an approximately 60 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

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Purity	> 88 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	Please refer to COA for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	MAP2K6 mitogen-activated protein kinase kinase 6 [Homo sapiens]
Official Symbol	MAP2K6
Synonyms	MAP2K6; mitogen-activated protein kinase kinase 6; PRKMK6; dual specificity mitogen-activated protein kinase kinase 6; MAPKK6; MEK6; MKK6; protein kinase; mitogen activated; kinase 6 (MAP kinase kinase 6); SAPKK3; MEK 6; MAPKK 6; SAPK kinase 3; MAPK/ERK kinase 6; stress-activated protein kinase kinase 3; protein kinase, mitogen-activated, kinase 6 (MAP kinase kinase 6); SAPKK-3;
Gene ID	5608
mRNA Refseq	NM_002758
Protein Refseq	NP_002749

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MIM	601254
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UniProt ID	P52564
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