Recombinant Mouse MAP2K1 protein(Met1-Ile393), His&GST-tagged

Cat. No. MAP2K1-1310M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MAP2K1 (P31938) (Met 1-Ile 393) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Ile393
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% gly, pH 8.0 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Mouse MAP2K1/GST chimera consists of 630 amino acids and has a calculated molecular mass of 71.3 kDa. It migRates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % 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.

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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	Map2k1 mitogen-activated protein kinase kinase 1 [Mus musculus]
Official Symbol	MAP2K1
Synonyms	MAP2K1; mitogen-activated protein kinase kinase 1; dual specificity mitogen-activated protein kinase kinase 1; MEK 1; MAPKK 1; MAPK/ERK kinase 1; MAP kinase kinase 1; ERK activator kinase 1; mitogen activated protein kinase kinase 1; protein kinase, mitogen activated, kinase 1, p45; Mek1; MEKK1; MAPKK1; Prkmk1;
Gene ID	26395
mRNA Refseq	NM_008927
Protein Refseq	NP_032953

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