

Recombinant Mouse MAP2K1, Gly & Pro tagged

Cat. No. MAP2K1-483M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MAP2K1 (NP_032953.1) (Met1-Ile393), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	1-393 a.a.
Predicted N Terminal	Gly
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse MAP2K1 consists of 395 amino acids and predicts a molecular mass of 43.6 KDa. It migrates as an approximately 45 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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. 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

Gene ID

[26395](#)

mRNA Refseq

[NM_008927](#)

Protein Refseq

[NP_032953](#)

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