

# Recombinant Mouse Map2k4 protein(Ala2-Asp397), His&GST-tagged

**Cat. No.** Map2k4-1351M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse MAP2K4 (P47809) (Ala 2-Asp 397) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Ala2-Asp397
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.5 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant mouse MAP2K4/GST chimera consists of 633 amino acids and has a calculated molecular mass of 72 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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** Map2k4 mitogen-activated protein kinase kinase 4 [ Mus musculus ]

**Official Symbol** Map2k4

**Synonyms** MAP2K4; mitogen-activated protein kinase kinase 4; dual specificity mitogen-activated protein kinase kinase 4; MEK 4; JNKK 1; MAPKK 4; JNK kinase 1; MAPK/ERK kinase 4; SAPK/ERK kinase 1; SAPK/Erk/kinase 1; MAP kinase kinase 4; JNK-activating kinase 1; C-JUN N-terminal kinase kinase 1; mitogen activated protein kinase kinase 4, variant 1; MEK4; MKK4; Sek1; JNKK1; Serk1; PRKMK4;

**Gene ID** 26398

**mRNA Refseq** NM\_009157

**Protein Refseq** NP\_033183

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