

# Recombinant Mouse Map2k1 Protein, His/GST-tagged, Alexa Fluor 488 conjugated

**Cat. No.** Map2k1-1350MAF488    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant Mouse Map2k1 (P31938) (Met 1-Ile 393), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	630
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

 Tel: 1-631-559-9269    1-516-512-3133


 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10% gly, pH 8.0
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	Map2k1 mitogen-activated protein kinase kinase 1 [ Mus musculus ]
<b>Official Symbol</b>	Map2k1
<b>Gene ID</b>	26395
<b>mRNA Refseq</b>	NM_008927
<b>Protein Refseq</b>	NP_032953

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