

Recombinant Mouse Mapk1 Protein, His/GST-tagged, Alexa Fluor 488 conjugated

Cat. No. Mapk1-7394MAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Mouse Mapk1 (P63085) (Met1-Ser358), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	595
Form	Lyophilized
Molecular Mass	The recombinant mouse MAPK1/GST chimera consists of 595 amino acids and has a calculated molecular mass of 69.1 kDa. The recombinant protein migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	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.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 8.0, 10% gly
Reconstitution	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.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	Mapk1 mitogen-activated protein kinase 1 [Mus musculus]
Official Symbol	Mapk1
Gene ID	26413
mRNA Refseq	NM_001038663
Protein Refseq	NP_001033752

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