

# Recombinant Mouse Mapk1 Protein, His/GST-tagged, Alexa Fluor 555 conjugated

Cat. No. Mapk1-7394MAF555 Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 555 conjugated recombinant Mouse Mapk1 (P63085) (Met1-Ser358), 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>	595
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<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 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

 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>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<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 a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 8.0, 10% gly
<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 555

## GENE INFORMATION

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

 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