

# Recombinant Human MAPK1 Protein, GST-tagged, FITC conjugated

Cat. No. MAPK1-7267HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human MAPK1 (NP_002736.3) (Met 1-Ser 360), fused with the GST tag at the N-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	585
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human ERK2/GST chimera consists of 585 amino acids and predicts a molecular mass of 67 kDa as estimated 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 FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<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 50 mM Tris, 100 mM NaCl, 0.5 mM PMSF, 10% Glycerol, 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>	FITC

## GENE INFORMATION

<b>Gene Name</b>	MAPK1 mitogen-activated protein kinase 1 [ Homo sapiens ]
<b>Official Symbol</b>	MAPK1
<b>Gene ID</b>	5594
<b>mRNA Refseq</b>	NM_002745
<b>Protein Refseq</b>	NP_002736
<b>MIM</b>	176948
<b>UniProt ID</b>	P28482

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