Recombinant Human MAP2K2 Protein, GST-tagged, Alexa Fluor 555 conjugated

Cat. No. MAP2K2-968HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human MAP2K2 (NP_109587.1) (Met 1-Val 400), fused with the GST tag at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	624
Form	Lyophilized
Molecular Mass	The recombinant human MAP2K2/GST chimera consists of 624 amino acids and has a calculated molecular mass of 70.7 kDa. It migrates as an approximately 66 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 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.

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
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 sterile 20 mM Tris, 500 mM NaCl, 2 mM GSH, pH 7.4
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 555

GENE INFORMATION

Gene Name	MAP2K2 mitogen-activated protein kinase kinase 2 [Homo sapiens]
Official Symbol	MAP2K2
Gene ID	5605
mRNA Refseq	NM_030662
Protein Refseq	NP_109587
MIM	601263
UniProt ID	P36507

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