Recombinant Human MAP4K2 protein, His&GST-tagged

Cat. No. MAP4K2-1167H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAP4K2 protein(AAH47865.1) (Met 1-Tyr 812) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-812 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0.
Molecular Mass	The recombinant human MAP4K2/GST chimera consists of 1049 amino acids and has a calculated molecular mass of 119 kDa. It migrates as an approximately 116 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 87 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	MAP4K2 mitogen-activated protein kinase kinase kinase kinase 2 [Homo sapiens]
Official Symbol	MAP4K2
Synonyms	MAP4K2; mitogen-activated protein kinase kinase kinase kinase 2; RAB8IP; BL44; GCK; MEKKK 2; GC kinase; MEK kinase kinase 2; germinal center kinase; Rab8 interacting protein; rab8-interacting protein; MAPK/ERK kinase kinase kinase 2; germinal centre kinase (GC kinase); B lymphocyte serine/threonine protein kinase; b lymphocyte serine/threonine-protein kinase;
Gene ID	5871
mRNA Refseq	NM_004579
Protein Refseq	NP_004570
MIM	603166
UniProt ID	Q12851

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