

# Recombinant Human MAP4K2 protein(Met1-Tyr812), His&GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human MAP4K2 (AAH47865.1) (Met 1-Tyr 812) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-812 a.a.
<b>Form</b>	Supplied as sterile 50mM Tris, 100mM NaCl, pH 8.0
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 87 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 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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