

Recombinant Human Mitogen-Activated Protein Kinase Kinase Kinase 9, GST-tagged

Cat. No. MAP3K9-1262H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinanthuman truncated MAP3K9 containing amino acids 1-500 and GST tag.	
Species	Human	
Source	Insect Cells	
ProteinLength	1-500 a.a.	
Description	MAP3K9 is an enzyme that in humans is encoded by the MAP3K9 gene. MAP3K9 is a serine/threonine protein kinase that functions in the MAP kinase pathway.	
Form	Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT + 50% glycerol.	
Molecular Weight	83.4 kDa	
Storage	Stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.	
Official Symbol	MAP3K9	
Function	Function	ATP binding; JUN kinase kinase activity; MAP kinase kinase activity; nucleotide binding; protein serine/threonine kinase activity; protein homodimerization activity; protein tyrosine kinase activity

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GENE INFORMATION

Gene Name	MAP3K9 mitogen-activated proteinkinase kinase kinase 9 [Homo sapiens]
Synonyms	MAP3K9; mitogen-activatedprotein kinase kinase kinase 9; MEKK9; MLK1; PRKE1; OTTHUMP00000245576;OTTHUMP00000245577; OTTHUMP00000245578; OTTHUMP00000245579; OTTHUMP00000245580;EC 2.7.11.25; mixed lineage kinase 1 (tyr and ser/thr specificity); mixedlineage kinase 1
Gene ID	4293
mRNA Refseq	NM_033141
Protein Refseq	NP_149132
MIM	600136
UniProt ID	P80192
Chromosome Location	14q24.3-q31
Pathway	p38 MAPK Signalingpathway; InsulinSignaling

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