

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

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

## SPECIFICATION

|                         |                                                                                                                                                         |                                                                                                                                                                                                        |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinanthuman truncated MAP3K9 containing amino acids 1-500 and GST tag.                                                                             |                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                   |                                                                                                                                                                                                        |
| <b>Source</b>           | Insect Cells                                                                                                                                            |                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-500 a.a.                                                                                                                                              |                                                                                                                                                                                                        |
| <b>Description</b>      | 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. |                                                                                                                                                                                                        |
| <b>Form</b>             | 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.                                                |                                                                                                                                                                                                        |
| <b>Molecular Weight</b> | 83.4 kDa                                                                                                                                                |                                                                                                                                                                                                        |
| <b>Storage</b>          | Stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.                                                                    |                                                                                                                                                                                                        |
| <b>Official Symbol</b>  | MAP3K9                                                                                                                                                  |                                                                                                                                                                                                        |
| <b>Function</b>         | 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 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | MAP3K9 mitogen-activated proteinkinase kinase kinase 9 [ Homo sapiens ]                                                                                                                                                                                                  |
| <b>Synonyms</b>            | 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 |
| <b>Gene ID</b>             | 4293                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | NM_033141                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>      | NP_149132                                                                                                                                                                                                                                                                |
| <b>MIM</b>                 | 600136                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>          | P80192                                                                                                                                                                                                                                                                   |
| <b>Chromosome Location</b> | 14q24.3-q31                                                                                                                                                                                                                                                              |
| <b>Pathway</b>             | p38 MAPK Signalingpathway; InsulinSignaling                                                                                                                                                                                                                              |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA