

# Recombinant Human MAP3K14 Protein, Tag Free

**Cat. No.** MAP3K14-30381TH    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NIK(MAP3K14) protein is produced by Insect cell expression system. The target protein is expressed with sequence (K330-Q679) of Human NIK(MAP3K14) (Uniprot ID #Q99558) fused without tag.                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 330-679 aa                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This gene encodes mitogen-activated protein kinase kinase kinase 14, which is a serine/threonine protein-kinase. This kinase binds to TRAF2 and stimulates NF-kappaB activity. It shares sequence similarity with several other MAPKK kinases. It participates in an NF-kappaB-inducing signalling cascade common to receptors of the tumour-necrosis/nerve-growth factor (TNF/NGF) family and to the interleukin-1 type-I receptor. |
| <b>Form</b>             | Liquid. Supplied as sterile, 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol                                                                                                                                                                                                                                                                                                                                                       |
| <b>Endotoxin</b>        | < 1 EU/μg of the protein                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | 90%                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. Store it under sterile conditions at -20 to -80 centigrade. It is                                                                                                                                                                                                                                                                          |

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles

**Shipping** It is shipped out with dry ice.

## GENE INFORMATION

**Gene Name** MAP3K14 mitogen-activated protein kinase kinase kinase 14 [ Homo sapiens (human) ]

**Official Symbol** MAP3K14

**Synonyms** MAP3K14; mitogen-activated protein kinase kinase kinase 14; HS; NIK; HSNIK; IMD112; FTDCR1B; mitogen-activated protein kinase kinase kinase 14; NF-kappa-beta-inducing kinase; serine/threonine-protein kinase NIK; EC 2.7.11.25

**Gene ID** 9020

**mRNA Refseq** NM\_003954

**Protein Refseq** NP\_003945

**MIM** 604655

**UniProt ID** Q99558

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