

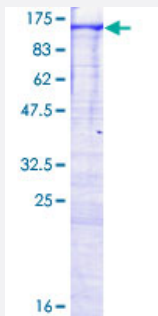
Full-Length

MAP3K14 (Human) Recombinant Protein (P01)

Catalog # H00009020-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MAP3K14 full-length ORF (NP_003945.2, 1 a.a. - 947 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAVMEMACPGAPGSAVGQQKELPKAKEKTPPLGKKQSSVYKLEAVEKSPVFCGKWEILNDVIT
KGTAKEGSEAGPAAISIIAQAECEMSQEFSPTFSEFIAGSKQYSQSESLDQIPNNVAHATEGKMA
RVCWKGKRRSKARKKRKKKSSKSLAHAGVALAKPLPRTPEQESCTIPVQEDESPLGAPYVRNTP
QFTKPLKEPGLGQLCFKQLGEGLRPALPRSELHKLISPLQCLNHVWKLHHPQDGGPLPLTHPFP
YSRLPHFPFPHPLQPWKPHPLESFLGKLACVDSQKPLPDHLSKLACVDSPKPLPGPHLEPSCL
SRGAHEKFSVEEYLHALQGSVSSGQAHSLSLAKTWAARGSRSPKTEDNEGVLLTEKLK
PVDYERYEEVHWATHQLRLGRGSFGEVHRMEDKQTGFQCAVKKVRLEVFRAEELMACAGLTSP
RIMPLYGAVREGPWVNIFMELLEGGSLGQLVKEQGCLPEDRALYYLQGALEGLEYLHSRILHGDV
KADNVLLSSDGSHAALCDFGHAVCLQPDGLGKSLTGDYIPGTETHMAPEVVLGRSCDAKVDV
WSSCCMMLHMLNGCHPWTFQFRGPLCLKIASEPPPVREIPPSCAPLTAQAIQEGLRKEPIHRVSA
AELGGKVNRLQQVGGGLKSPWRGEYKEPRHPPPNQANYHQTTHAQPRELSPRAPGPRPAEETT
GRAPKLQPPLPEPPEPNKSPPLTSSKEESGMWEPLPLSSLEPAPARNPSSPERKATVPEQEL
QQLEIELFLNSLSQPFSLLEEQEQLSCLSIDSLSLSDDEKPNPSKASQSSRDTLSSGVHSSWSQA
EARSSSWNMVLARGRPTDTPSYFNGVKVQIQLNGEHLHIREFHRVKVGDITAGISSQIPAAAFSL
VTKDGQPVRYDMEVPDSDGLQCTLAPDGSFAWSWRVKHGQLENRP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

130.4

Interspecies Antigen Sequence

Mouse (84); Rat (84)

Preparation Method[in vitro wheat germ expression system](#)**Purification**

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MAP3K14

Entrez GeneID[9020](#)**GeneBank Accession#**[NM_003954.2](#)**Protein Accession#**[NP_003945.2](#)**Gene Name**

MAP3K14

Gene Alias

FTDCR1B, HS, HSNIK, NIK

Gene Description

mitogen-activated protein kinase kinase kinase 14

Omim ID[604655](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

serine/threonine protein-kinase

Pathway

- [Apoptosis](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [MAPK signaling pathway](#)
- [T cell receptor signaling pathway](#)

Disease

- [Arthritis](#)
- [Disease Susceptibility](#)