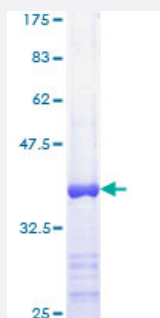


MAP3K14 (Human) Recombinant Protein (Q01)

Catalog # H00009020-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MAP3K14 partial ORF (AAH35576, 847 a.a. - 947 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ARGRPTDTPSYFNGVKVQIQSLNGEHLHIREFHRVKVGDIATGISSQIPAAAFSLVTKDGGQPVRYDM EVPDSGIDLQCTLAPDGSFAWSWRVKHGGQLENRP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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# [BC035576](#)

Protein Accession# [AAH35576](#)

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 signaling 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](#)