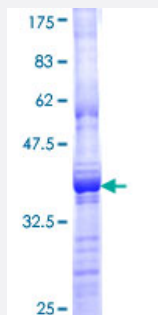


MAP3K6 (Human) Recombinant Protein (Q01)

Catalog # H00009064-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MAP3K6 partial ORF (AAH15914, 225 a.a. - 325 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HFWLHFLQSCQPFKTACAQGDQCLVLVLEMNKVLLPAKLEVRGTDVPVSTVTLSSLLEPETQDIPS SWTFPVASICGVSASKRDERCCFLYALPPAQDVQLC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (84); Rat (83)
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 — MAP3K6

Entrez GeneID [9064](#)

GeneBank Accession# [BC015914](#)

Protein Accession# [AAH15914](#)

Gene Name MAP3K6

Gene Alias ASK2, MAPKKK6, MGC125653, MGC20114

Gene Description mitogen-activated protein kinase kinase kinase 6

Omim ID [604468](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the serine/threonine protein kinase family. The encoded kinase was identified by its interaction with MAP3K5/ASK, a protein kinase and an activator of c-Jun kinase (MAPK7/JNK) and MAPK14/p38 kinase. This kinase was found to weakly activate MAPK7, but not MAPK1/ERK or MAPK14. An alternatively spliced transcript variant has been found for this gene, but its biological validity has not been determined. [provided by RefSeq]

Other Designations OTTHUMP00000005063|apoptosis signal-regulating kinase 2

Pathway

- [MAPK signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Huntington disease](#)
- [Kidney Failure](#)