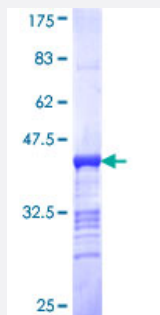


MAP3K11 (Human) Recombinant Protein (Q02)

Catalog # H00004296-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MAP3K11 partial ORF (NP_002410, 741 a.a. - 847 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PPPGTSSAPGTPGTPRSPPLGLISRPRPSPLRSRIDPWSFVSAGPRPSPLPSPQPAPRRAPWT LFPDSDPFWDSPPANPFQGGPQDCRAQTKDMGAQAPWVPEAGP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.51
Interspecies Antigen Sequence	Mouse (95); Rat (93)
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 — MAP3K11

Entrez GeneID [4296](#)

GeneBank Accession# [NM_002419](#)

Protein Accession# [NP_002410](#)

Gene Name MAP3K11

Gene Alias MGC17114, MLK-3, MLK3, PTK1, SPRK

Gene Description mitogen-activated protein kinase kinase kinase 11

Omim ID [600050](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase contains a SH3 domain and a leucine zipper-basic motif. This kinase preferentially activates MAP K8/JNK kinase, and functions as a positive regulator of JNK signaling pathway. This kinase can directly phosphorylate, and activates I kappa B kinase alpha and beta, and is found to be involved in the transcription activity of NF-kappa B mediated by Rho family GTPases and CDC42. [provided by RefSeq]

Other Designations SH3 domain-containing proline-rich kinase|mixed lineage kinase 3|protein-tyrosine kinase PTK1

Pathway

- [MAPK signaling pathway](#)