

## Full-Length

# MAP3K11 (Human) Recombinant Protein (P01)

Catalog # H00004296-P01

Size 50 ug

## Specification

Product Description	Human MAP3K11 full-length ORF (1 a.a. - 378 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPRFTRALAASGGGDHGHPEKVLHTSQRRLPAMEPLKSLFLKSPLGSWNGSGSGGGGGGGG GRPEGSPKAAGYANPVWTALFDYEPGQDELALRKGDRVEVLSRDAAISGDEGWWAGQVGGQ VGIFPSNYVSRGGGPPPCVASFQELRLEEVIIGGFVKVYRGSWRGELVAVKAARQDPDEDISV TAESVRQEARLFAMLAHPNIALKAVCLEEPNLCLVMEYAAGGPLSRALAGRRVPPHVLVNWAVQ IARGMHYHCEALVPVIHRDLKSNNILLQPIESDDMEHKTLLKITDFGLAREWHKTTQMSAAGTYAW MAPEVIKASTFSKGSVDVWRCGPWWGWTGCYGAEEGRGGCLNLGLGQVQGGQPKPLGS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	66.8
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
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	<a href="#">4296</a>
GeneBank Accession#	<a href="#">AK092015.1</a>
Gene Name	MAP3K11
Gene Alias	MGC17114, MLK-3, MLK3, PTK1, SPRK
Gene Description	mitogen-activated protein kinase kinase kinase 11
Omim ID	<a href="#">600050</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)