

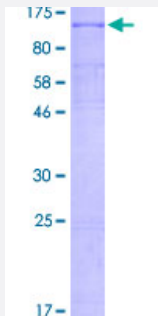
Full-Length

MAP4K1 (Human) Recombinant Protein (P01)

Catalog # H00011184-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MAP4K1 full-length ORF (AA152995.1, 1 a.a. - 833 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDVVDPDIFNRDPRDHYDLLQRLGGGTYGEVFKARDKVSGLVALKMKMEPDDDDVSTLQKEILI
LKTCRHANIVAYHGSYLWLQKLWICMEFCGAGSLQDIQVTGSLSELQISYVCREVLQGLAYLHSQ
KKIHRDIKGANILINDAGEVRLADFGISAQIGATLARRLSFIGTPYWMAPEVA AVALKGGYNELCDIW
SLGITAIELAELQPPLFDVHPLRVLFLMTKSGYQPPRLKEKGKWSAAFHNFIKVTLTSPKKRPSAT
KMLSHQLVSQPGLNRGLLDLKLKPNPGKPSIGDIEDEEPELPPAIPRRIRSTHRSSSLGIPDAD
CCRRHMEFRKL RGMETRPPANTARLQPPRDLRSSSPRKQLSESSDDDDYDDVDIPTAEDTPPPL
PPKPKFRSPSDEGPGSMGDDGQLSPGVLVRCASGPPPNSPRPGPPPSTSSPHLTAHSEPSLW
NPPSRELDKPPLPPKKEKMKRKGCALLVKLFNGCPLRIHSTAATHPSTKDQHLLLGAEEGIFIL
NRNDQEATLEMLFPSRTTWVYSINNVLMSLSGKTPHLYSHSILGLLERKETRAGNPIAHISPHRLLA
RKNMVSTKIQDTKGCRACCVAEGASSGGPFLCGALETSVLLQWYQPMNKFLLVRQVLFPLPTP
LSVFALLTGPSELPAVCIGVSPGRPGKSVLFHTVRFALSCWL GEMSTEHRGPVQVTQVEEDM
VMVLMDGSVKLVTPGSPVRGLRTP EIPMTEAVEAVAMVGGQLQAFWKHGVQVWALGSDQLL
QELRDPTLTFRLLGSPRLECSGTISPHCNLLPGSSNSPASASRVAGITGL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

118.58

Interspecies Antigen Sequence

Mouse (85); Rat (86)

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 — MAP4K1

Entrez GeneID	11184
GeneBank Accession#	BC152994
Protein Accession#	AAI52995.1
Gene Name	MAP4K1
Gene Alias	HPK1
Gene Description	mitogen-activated protein kinase kinase kinase kinase 1
Omim ID	601983
Gene Ontology	Hyperlink
Other Designations	hematopoietic progenitor kinase 1

Pathway

- [MAPK signaling pathway](#)