

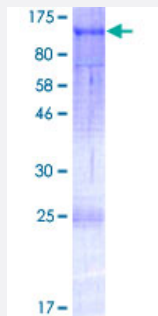
Full-Length

MAP3K7IP3 (Human) Recombinant Protein (P01)

Catalog # H00257397-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MAP3K7IP3 full-length ORF (AAH32526.1, 1 a.a. - 712 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAQSSPQLDIQVLHDLRQRFPEIPEGVVSQCMLQNNNNLEACCRALSQESSKYLMEYHSPDDN
RMNRRNLLHINLGIHSPSSYHPGDGAQLNGGRTLHSSSDGHIDPQHAAGKQLICLVQEPHSAPA
VVAATPNYNPFFMNEQNRSAATPPSQPPQQPSSMQTGMNPSAMQGPSPPPPPSYMHIPRYST
NPITVTVSQNLPSGQTVPRALQILPQIPSNLYGSPGSMYRQTSQSSSGRQTPQSTPWQSSPQGPVP
HYSQRPLPVYPHQNYQPSQYSPKQQQIPQSAYHSPPPSQCPSPFSSPQHQQVQPSQLGHIFMPP
SPSTTPHPYQQGPPSYQKQGSHSVAYLPYTASSLSKGSMMKIEITVEPSQRPGTAINRSPSPISN
QPSPRNQHSLYTATTPSSSPSRGISSQPKPPFSVNPVYITYTQPTGPSTPSPSPRVIPNPTTVFK
ITVGRATTENLLNLVDQEERSAAPEPIQIPISVIPSGGEGKSHKYQRSSSSGDDYAYTQALLLHQ
RARMERLAKQLKLEKEELERLKSEVNGMEHDLMQRRRLRVSCTTAIPTEEMTRLRSMNRQLQIN
VDCTLKEVDLLQSRGNFDPKAMNNFYDNIPEGPVVPPKPSKKDSSDPCTIERKARRISVTSKVQA
DIHDTQAAAADEHRTGSTQSPRTQPRDEYEGAPWNCDSCTFLNHPALNRCEQCEMPRYT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

105.1

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 — MAP3K7IP3

Entrez GeneID [257397](#)

GeneBank Accession# [BC032526.1](#)

Protein Accession# [AAH32526.1](#)

Gene Name MAP3K7IP3

Gene Alias MGC45404, NAP1, TAB3

Gene Description mitogen-activated protein kinase kinase kinase 7 interacting protein 3

Omim ID [300480](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene functions in the NF-kappaB signal transduction pathway. The encoded protein, and the similar and functionally redundant protein MAP3K7IP2/TAB2, forms a ternary complex with the protein kinase MAP3K7/TAK1 and either TRAF2 or TRAF6 in response to stimulation with the pro-inflammatory cytokines TNF or IL-1. Subsequent MAP3K7/TAK1 kinase activity triggers a signaling cascade leading to activation of the NF-kappaB transcription factor. The human genome contains a related pseudogene. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

Other Designations Mitogen-activated protein kinase kinase kinase 7-interacting protein 3|NF-kappa-B-activating protein 1|NFkB activating protein 1|OTTHUMP00000023112|TAK1 binding protein 3|TAK1-binding protein 3