

Recombinant Full Length Human MAP3K2 Protein, C-Flag-tagged

Cat. No. MAP3K2-1574HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MAP3K2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase preferentially activates other kinases involved in the MAP kinase signaling pathway. This kinase has been shown to directly phosphorylate and activate I kappa B kinases, and thus plays a role in NF-kappa B signaling pathway. This kinase has also been found to bind and activate protein kinase C-related kinase 2, which suggests its involvement in a regulated signaling process.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	69.6 kDa
AA Sequence	MDDQQALNSIMQDLAVLHKASRPALSLQETRKAKSSSPKKQNDVRVKFEHRGEKRI LQFPRPVKLEDLRS KAKIAFGQSMDLHYTNNELVIPLTTQDDLDKAVELLDRSIHMKS LKILLVINGSTQATNLEPLPSLEDLD NTVFGAERKKRLSIIGPTSRDRSSPPPGYIPDE LHQVARNGSFTSINSEGEFIPESMDQMLDPLSLSSPE NSGSGSCPSLDSPLDGESY PKSRMPRAQSYPDNHQEFSDYDNPIFEKFGKGGTYPRRYHVSYHHQEYNDG RKT FPRARRTQGTSLRSPVFSPTDHSLSSTSSGSSIFTPEYDDSRIRRRGSDIDNPTLTV

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MDISPPSRSP RAPTNRWRLGKLLGQGAFGRVYLCYDVDTGRELAVKQVQFDPDSPE
 TSKEVNALECEIQLLKNLLHERIVQ YYGCLRDPQEKTLSIFMEYMPGGSIKDQLKAY
 GALTENVTRKYTRQILEGVHYLHSNMIVHRDIKGANIL RDSTGNVKGDFGASKRLQ
 TICLSGTGMKSVTGTPYWMSPEVISGEGYGRKADIWSVACTVVEMLTEKPP
 WAEFEAMAAIFKIATQPTNPKLPPHVSDYTRDFLKRIFVEAKLRPSADELLRHMFVHY
 HTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase
Protein Pathways	Gap junction, GnRH signaling pathway, MAPK signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	MAP3K2 mitogen-activated protein kinase kinase kinase 2 [Homo sapiens (human)]
Official Symbol	MAP3K2

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Synonyms	MEKK2; MEKK2B
Gene ID	10746
mRNA Refseq	NM_006609.5
Protein Refseq	NP_006600.3
MIM	609487
UniProt ID	Q9Y2U5



Coomassie blue staining of purified MAP3K2 protein.

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