

Recombinant Human MAP3K2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAP3K2-897H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MAP3K2 MS Standard C13 and N15-labeled recombinant protein (NP_006600) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	69.6 kDa
AA Sequence	MDDQQALNSIMQDLAVLHKASRPALSLQETRKAKSSSPKKQNDVRVKFEHRGEKRI LQFPRPVKLEDLRSKAKIAFGQSM DLHYTNNELVIPLTTQDDLDKAVELLD RSIHMKSL KILLVINGSTQATNLEPLPSLEDLDNTVFGAERKKRLSIIGPTSRDRSSPPPGYIPDEL HQVARNGSFTSINSEGEFIPESMDQMLDPLSLSSPENSGSGSCPSLDSPLDGESYP KSRMPRAQSYPDNHQEFSDYDNPIFEKFGKGGTYPRRYHVSYYHHQEYNDGRKTFP RARRTQGTSLRSPVFSPTDHSLSSTSSGSSIFTPEYDDSRIRRRGSDIDNPTLTVM DI SPPSRSPRAPTNWRLGKLLGQGA FGRVYLCYD VDTGRELAVKQVQFDPDSPETSK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EVNALECEIQLLKNLLHERIVQYYGCLRDPQEKTL SIFMEYMPGGSIKDQLKAYGALT
 ENVTRKYTRQILEGVHYLHSNMIVHRDIKGANILRDSTGNVKLGDFGASKRLQTICLS
 GTGMKSVTGTPTYWMSPEVISGEGYGRKADIWSVACTVVEMLTEKPPWAEFEAMAA
 IFKIATQPTNPKLPPHVSDYTRDFLKRIFVEAKLRPSADELLRHMFVHYHTRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol MAP3K2

Synonyms MAP3K2; mitogen-activated protein kinase kinase kinase 2; MEKK2; MAP/ERK kinase kinase 2; MEKK2B; MEKK 2; MEK kinase 2; MAPK/ERK kinase kinase 2;

Gene ID 10746

mRNA Refseq NM_006609

Protein Refseq NP_006600

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 609487

UniProt ID Q9Y2U5

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA