

Recombinant Human MAP4K3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAP4K3-1301H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MAP4K3 MS Standard C13 and N15-labeled recombinant protein (NP_003609) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the mitogen-activated protein kinase kinase kinase family. The encoded protein activates key effectors in cell signalling, among them c-Jun. Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene.
Molecular Mass	101.1 kDa
AA Sequence	MNPGFDLRRNPQEDFELIQRIGSGTYGDVYKARNVNTGELAAIKVIKLEPGEDFAV VQQEIIMMKDCKHPNIVAYFGSYLRRDKLWICMEFCGGGSLQDIYHVTGPLSELQIAY VSRETLQGLYYLHSGKMKMRDIKGANILLTDNGHVKLADFGVSAQITATIAKRKSFIGHT PYWMAPEVAVERKGGYNQLCDLWAVGITAIELAEQPPMFDLHPMRALFLMTKSN FQPPKLKDKMKWSNSFHFFVKMALTKNPKKRPTAEKLLQHPFVTQHLTRSLAIELLD KVNNPDHSTYHDFDDDDPEPLVAVPHRIHSTSRNVREEKTRSEITFGQVKFDPPLRK ETEPHHELPDSGFLDSSEEIYYTARSNLDLQLEYGQGHQGGYFLGANKSLLKSVE EELHQRGHVAHLEDDEGDDDESKHSTLKAKIPPLPPKPKSIFIPQEMHSTEDENQG TIKRCPMMSGSPAKPSQVPPRPPPPRLPPHKPVALGNGMSSFQLNGERDGSCLCQQQ

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NEHRGTNLSRKEKKDVPKPISNGLPPTPKVHMGACFSKVFNGCPLKIHCASSWINPD
 TRDQYLIFGAEEGIYTLNLNELHETSMEQLFPRRCTWLYVMNNCLLSISGKASQLYS
 HNLPGFLFDYARQMQLPVAIPAHLKLPDRILPRKFSVSAKIPETKWCQKCCVVRNPYT
 GHKYLGCALQTSIVLLEWVEPMQKFMLIKHIDFIPCPLRMFEMLVVPEQEYPLVCVG
 VSRGRDFNQVVRFETVNPNSTSSWFTESDTPQTNVTHVTQLERDTILVCLDCCIKIV
 NLQGRLLKSSRKLSELTFDFQIESIVCLQDSVLAFWKHGMQGRSFRSNEVTQEISDS
 TRIFRLGSDRVVVLESRPTDNPTANSNLYILAGHENSYTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

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 MAP4K3 mitogen-activated protein kinase kinase kinase kinase 3 [Homo sapiens (human)]

Official Symbol MAP4K3

Synonyms MAP4K3; mitogen-activated protein kinase kinase kinase kinase 3; RAB8IPL1; GLK; MAPKKKK3; MEK kinase kinase 3; MAPK/ERK kinase kinase kinase 3; germinal center kinase-like kinase; germinal center kinase-related protein kinase; MEKKK 3;

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Gene ID	8491
mRNA Refseq	NM_003618
Protein Refseq	NP_003609
MIM	604921
UniProt ID	Q8IVH8
SDS-PAGE	