

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

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

## SPECIFICATION

<b>Product Overview</b>	MAP4K3 MS Standard C13 and N15-labeled recombinant protein (NP_003609) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	101.1 kDa
<b>AA Sequence</b>	MNPGFDLSRRNPQEDFELIQRIGSGTYGDVYKARNVNTGELAAIKVIKLEPGEDFAV VQQEIIMMKDCKHPNIVAYFGSYLRDRLKVICMEFCGGGSLQDIYHVTGPLSELQIAY VSRETLQGLYYLHSKGKMRDIKGANILLTDNGHVKLADFGVSAQITATIAKRKSFIGN PYWMAPEVAVERKGGYNQLCDLWAVGITAIELAEQPPMFDLHPMRALFLMTKSN FQPPKLKDKMKWSNSFHVFVKMALTKNPKKRPTAEKLLQHPFVTQHLTRSLAIELLD KVNNPDHSTYHDFDDDDPEPLVAVPHRIHSTSRNVREEKTRSEITFGQVKFDPPLRK ETEPHHELPDSGFLDSSEEIYYTARSNLDLQLEYGQGHQGGYFLGANKSLLKSVE EELHQRGHVAHLEDDEGDDDESKHSTLKAKIPPLPPPKPSIFIPQEMHSTEDENQG TIKRCPMMSGSPAKPSQVPPRPPPPRLPPHKPVALGNGMSSFQLNGERDGS LCQQQ

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NEHRGTNLSRKEKKDVPKPISNGLPPTPKVHMGACFSKVFNGCPLKIHCASSWINPD  
 TRDQYLIFGAEEGIYTLNLNELHETSMEQLFPRRCTWLYVMNNCLLSISGKASQLYS  
 HNLPLGLFDYARQMQLPVAIPAHLKLPDRILPRKFSVSAKIPETKWCQKCCVVRNPYT  
 GHKYLGCALQTSIVLLEWVEPMQKFMLIKHIDFPIPCPLRMFEMLVVPEQEYPLVCVG  
 VSRGRDFNQVRFETVNPNSTSSWFTESDTPQTNVTHVTQLERDTILVCLDCCIKIV  
 NLQGRLKSSRKLSELTFDFQIESIVCLQDSVLAFWKHGMQGRSFRSNEVTQEISDS  
 TRIFRLGSDRVVVLESRPTDNPTANSNLYILAGHENSYTRTRPLEQKLISEEDLAAN  
 DILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	MAP4K3 mitogen-activated protein kinase kinase kinase kinase 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	MAP4K3
<b>Synonyms</b>	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**



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