

Product datasheet for **TP317448L**

MAP4K3 (NM_003618) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mitogen-activated protein kinase kinase kinase kinase 3 (MAP4K3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217448 representing NM_003618 Red =Cloning site Green =Tags(s)

MNPGFDLSRRNPQEDFELIQRIGSGTYGDVYKARNVNTGELAAIKVIKLEPGEDFAVWQQEIIMMKDCKH
PNIVAYFGSYLRRDKLWICMEFCGGGSLQDIYHVTGPLSELQIAYVSRETLQGLYYLHSGKGMHRDIKGA
NILLTDNGHVKLADFGVSAQITATIAKRKSFITPYWMAPEVAVERKGGYNQLCDLWAVGITAIELAEL
QPPMFDLHPMRALFLMTKSNFQPPKLDKMKWSNSFHVFVKMALTKNPKKRPTAEKLLQHPFVTQHLTRS
LAIELLDKVNNDHSTYHDFDDDDPEPLVAVPHRIHSTSRNVREEKTRSEITFGQVKFDPPLRKETEPHH
ELPDSGDGFLDSSEIYYTARSNLDLQLEYGQGHQGGYFLGANKSLLKSVEEELHQRGHVAHLEDDEGDDD
ESKHSTLKAKIPPLPKPKSIFIPQEMHSTEDENQGTIKRCPMSGSPAKPSQVPPRPPPPRLPPHKPVA
LGNGMSSFQLNGERDGLCQQQNEHRGTNLSRKEKKDVPKPI SNGLPPTPKVHMGACFSKVFNGCPLKIH
CASSWINPDTRDQYLIFGAEIYTLNLNELHETSMEQLFRRCTWLYVMNCLLSISGKASQLYSHNLP
GLFDYARQMQLPVAIPAHKLPDRILPRKFSVSAKIPETKWCQKCCVVRNPYTGHKYLCGALQTSIVLLE
WVEPMQKFMLIKIDFPICPLRMFEMLVVPEQEYPLVCVGVSRGRDFNQVRFETVNPNSTSSWFTESD
TPQTNVTHVTQLERDTILVCLDCCIKIVNLQGRKSSRKLSELTFDFQIESIVCLQDSVLAFWKHGMQG
RSFRSNEVTQEISDSTRIFRLLGSDRVVLESRPTDNPTANSNLYILAGHENS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

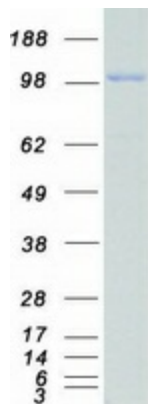
Tag:	C-Myc/DDK
Predicted MW:	101.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003609
Locus ID:	8491
UniProt ID:	Q8IVH8 , B3KMM5 , A8K602
RefSeq Size:	4141
Cytogenetics:	2p22.1
RefSeq ORF:	2682
Synonyms:	GLK; MAPKKKK3; MEKKK 3; MEKKK3; RAB8IPL1
Summary:	This gene encodes a member of the mitogen-activated protein kinase 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. [provided by RefSeq, Jul 2012]
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	MAPK signaling pathway

Product images:



Coomassie blue staining of purified MAP4K3 protein (Cat# [TP317448]). The protein was produced from HEK293T cells transfected with MAP4K3 cDNA clone (Cat# [RC217448]) using MegaTran 2.0 (Cat# [TT210002]).