

## Product datasheet for **TP317448M**

### 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), 100 µg  
**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  
 ELPDSDGFLDSSEIYYTARSNLDLQLEYGQGHQGGYFLGANKSLLKSVEEELHQRGHVAHLEDDEGDDD  
 ESKHSTLKAKIPPLPKPKSIFIPQEMHSTEDENQGTIKRCPMSGSPAKPSQVPPRPPPPRLPPHKPVA  
 LGNGMSSFQLNGERDGSQCQQNEHRGTNLSRKEKKDVPKPSINGLPPTPKVHMGACFSKVFNGCPLKIH  
 CASSWINPDTRDQYLIFGAEEGIYTLNLNELHETSMEQLFPRRCTWLYVMNCLLSISGKASQLYSHNLP  
 GLFDYARQMQLPVAIPAHKLPDRILPRKFSVSAKIPETKWCQKCCVVRNPYTGHKYLCGALQTSIVLLE  
 WVEPMQKFMLIKIDFPICPLRMFEMLVVPEQEYPLVCVGVSRGRDFNQVRFETVNPNSTSSWFTESD  
 TPQTNVTHVTQLERDTILVCLDCCIKIVNLQGRKSSRKLSELTFDFQIESIVCLQDSVLAFWKHGMQG  
 RSFRSNEVTQEISDSTRIFRLLGSDRVVLESRPTDNPTANSNLYILAGHENS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

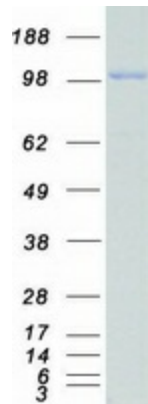
**Tag:** C-Myc/DDK  
**Predicted MW:** 101.1 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003609</a>
<b>Locus ID:</b>	8491
<b>UniProt ID:</b>	<a href="#">Q8IVH8</a> , <a href="#">B3KMM5</a> , <a href="#">A8K602</a>
<b>RefSeq Size:</b>	4141
<b>Cytogenetics:</b>	2p22.1
<b>RefSeq ORF:</b>	2682
<b>Synonyms:</b>	GLK; MAPKKKK3; MEKKK 3; MEKKK3; RAB8IPL1
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Protein Pathways:</b>	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]).