

Product datasheet for **TP501496**

Map2k3 (BC007467) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mitogen activated protein kinase kinase 3 (cDNA clone MGC:5915 IMAGE:3497714), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201496 protein sequence Red =Cloning site Green =Tags(s) MESPAASPPASLPQTKGKSKRKKDLRISCVSKPPVSNPTPPRNLDRTFITIGDRNFEVEADDLVTISEL GRGAYGVVEKVRHAQSGTIMAVKRIRATVNTQEQKRLMLDLDINMRTVDCFYTVTFYGALFREGDVWICM ELMDTSLDKFYRKVLEKNMKIPEDILGEIAVSM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	19.5 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	26397
UniProt ID:	O09110
RefSeq Size:	2096
Cytogenetics:	11 B2



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RefSeq ORF: 519

Synonyms: MEK3, MKK3, mMKK3b

Summary: Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14.[UniProtKB/Swiss-Prot Function]