

Product datasheet for TP527130

Mknk2 (NM_021462) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse MAP kinase-interacting serine/threonine kinase 2 (Mknk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227130 representing NM_021462 Red =Cloning site Green =Tags(s)
	<p>MPSSQPIDIPDAKKRGRKKKRCRATDSFSGRFEDVYQLQEDVLGEGAHARVQTCVNLTNQEYAVKII EK QLGHIRSRVFREVEMLYQCQGHRNVLELIEFFEEEDRFYLVFEKMRGGSILSHIHRRRHFNELEASVVQ DVASALDFLHNKGIAHRDLKPENILCEHPNQVSPVKICDFDLGSGIKLNGDCSPISTPELLTPCGSAEYM APEVVEAFSEEASIYDKRCDLWSLGVILYILLSGYPPFVGHCGSDCGWDRGEACPACQNMLFESIQEGKY EFPDKDWSHISFAAKDLISKLLVRDAKQRLSAAQVLQHPWVQGCAPENTLPTPLVLQRNSCAKDLTSFAA EAIAMNRQLAQCEEDAGQDQPVVIRATSRLQLSPPSQSKLAQRRQRASLSATPVVLVGDRA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	46.7 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.
RefSeq:	NP_067437
Locus ID:	17347
UniProt ID:	Q8CDB0 , Q3TPM2

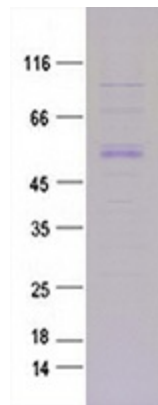


[View online »](#)

RefSeq Size:	3070
Cytogenetics:	10 C1
RefSeq ORF:	1236
Synonyms:	2010016G11Rik; Gprk7; Mnk; Mnk2
Summary:	

The protein encoded by this gene is a serine/threonine-protein kinase, which is targeted by both the extracellular signal-regulated kinase and p38 mitogen-activated protein kinase pathways. This enzyme targets several substrates including eukaryotic translation initiation factor 4E and mammalian target of rapamycin, which are negatively regulated by its phosphorylation. Null mutant mice do not exhibit developmental or reproductive defects. However, mice null for both this protein and mitogen-activated protein kinase-interacting serine/threonine protein kinase 1 have delayed tumor development in phosphatase and tensin homolog mutant mice, indicating an oncogenic function for this gene in tumor development. [provided by RefSeq, Oct 2014]

Product images:



Purified recombinant protein Mknk2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.