

Product datasheet for **TP506550**

Mknk1 (NM_021461) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse MAP kinase-interacting serine/threonine kinase 1 (Mknk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR206550 protein sequence
Red=Cloning site **Green**=Tags(s)

MGSSEPLPIVDSDKRRKKRKRKTRATDSLPGKFEDVYQLTSELLGEGAYAKVQGAVNLQSGKEYAVKIIK
QAGHSRSRVFREVETLYQCQGNRNILELIEFFEDDTRFYLVFEKLQGGILAHIQKRKHFNEREASRVVR
DVATALDFLHTKGIAHRDLKPENILCESPEKVSVPKICDFDLGSGVKLNNSCTPITTPELTTPCGSAEYM
APEWEVFRDEATFYDKRCDLWSLGVVLYIMLSGYPPFVGHCGADCGWDRGEVCRMCMQNKLFESIQEGKY
EFPDKDWAHISNEAKDLISKLLVRDAKQRLSAAQVLQHPWVQGQAPERGLPTPQVLQRNSSTMDLTLFAA
EAIALNRQLSQHEENELAEQEALAEGLCSMKLSPPSKSRRLARRRALAQAGRSRDANPCLTPAGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 46.5 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.
RefSeq: [NP_067436](#)
Locus ID: 17346
UniProt ID: [O08605](#), [A2A8W8](#)



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RefSeq Size: 2554

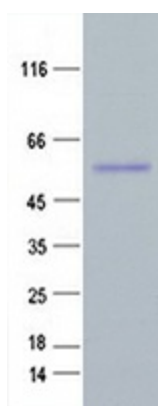
Cytogenetics: 4 D1

RefSeq ORF: 1248

Synonyms: 2410048M24Rik; Mnk; Mnk1

Summary: This gene encodes a serine-threonine protein kinase that is activated by extracellular signal-regulated kinase or p38 mitogen-activated protein kinases, and it may function in cytokine and environmental stress responses. This kinase is required for phosphorylation of eukaryotic translation initiation factor 4E but it is not required for cell growth during development. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Oct 2013]

Product images:



Purified recombinant protein Mknk1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.