

Product datasheet for **TP525265**

Map2 (NM_001039934) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse microtubule-associated protein 2 (Map2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR225265 representing NM_001039934
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MADERKDEGKAPHWTSASLTEAAAHPHSPEMKDQGGAGEGLSRNANGFPYREEEEGAFGEHRSQGTYSDT
KENGINGELTSADRETAEEVSARIVQVVTAEAVAVLKGEQEKEAQHKDQPAALPLAAEETANLPPSPPPS
PASEQTATVEEAASGDLAQAPGAFKQAKDKVTDGISKSPEKRSSLPRPSSILPPRRGVSGDRENSFSLN
SSISSARRTRRSEPIRRAGKSGTSTPTTPGSTAITPGTPPSYSSRTPGTPGTPSYPRTPGTPKSGILVPS
EKKVAIIRTPPKSPATPKQLRLINQPLPDLKNVSKIGSTDNIKYQPKGGQVRILNKKIDFSKVQSRCGS
KDNIKHSAGGGNVQIVTKKIDLSHVTSKCGSLKNIRHRPGGGGRVKIESVKLDFKEKAQAKVGSLDNAHHV
PGGGNVKIDSQKLNFRHAKARVDHGAEIITQSPSRSSVASPRRLSNVSSSGSINLLESPQLATLAEDVT
AALAKQGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	53.1 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
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:	<u>NP_001035023</u>



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Locus ID:	17756
UniProt ID:	Q3TLQ0
RefSeq Size:	5535
Cytogenetics:	1 33.49 cM
RefSeq ORF:	1494
Synonyms:	G1-397-34; MAP-2; Mtap-2; Mtap2; repro4
Summary:	The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.[UniProtKB/Swiss-Prot Function]