

Product datasheet for **TP504118**

Memo1 (NM_133771) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mediator of cell motility 1 (Memo1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204118 protein sequence Red =Cloning site Green =Tags(s)

MSNRVCREASHAGSWYTASGPQLNAQLEGWLSQVQSTKRPARAIIAPHAGYTYCGSCAAHAYKQVDPSV
TRRIFILGSPHHVPLSRCALSSVDIYRTPLYDLRIDQKIYGELWKTGMFERMSLQTDDEHSEMHLPYT
AKAMESHKDEFTIIPVLVGALSESKEQEFGLFSKYLADPSNLFVSSDFCHWGQFRFRYSYDESQGEIY
RSIEHLDKMGMSIIEQLDPVFSFNLYLKKYHNTICGRHPIGVLLNAITELQKNGMNMFSFLNYAQSSQCR
SWQDSSVSYAAGALTVH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	33.7 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:	<u>NP_598532</u>
Locus ID:	76890
UniProt ID:	<u>Q91VH6</u>



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RefSeq Size: 1499

Cytogenetics: 17 E2

RefSeq ORF: 894

Synonyms: 0610016J10Rik; D930048L02Rik

Summary: May control cell migration by relaying extracellular chemotactic signals to the microtubule cytoskeleton. Mediator of ERBB2 signaling. The MEMO1-RHOA-DIAPH1 signaling pathway plays an important role in ERBB2-dependent stabilization of microtubules at the cell cortex. It controls the localization of APC and CLASP2 to the cell membrane, via the regulation of GSK3B activity. In turn, membrane-bound APC allows the localization of the MACF1 to the cell membrane, which is required for microtubule capture and stabilization (By similarity). [UniProtKB/Swiss-Prot Function]