

Product datasheet for **TP508470**

Mtmr14 (NM_026849) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myotubularin related protein 14 (Mtmr14), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208470 protein sequence Red =Cloning site Green =Tags(s)
	<p>MARCRGRFVCPVILFKGKHICRSATLAGWGELYGRSGYNYLFSGGADDTWASTEDVTEEDFVLRSGDTHL FDKVRGYDIKLLQYLSVKYICDLMVENKKVKFGMNVTSSEKVDKAQRYANFTLLSIPYPGCEFFKEYKDR DYMAEGLIFNWKQDYVDAPLNIPNFLTQSLNIDWSQYQSWDLVQQTQNYLKLFFIMNRDDDSGLLVHCI SGWDRTPLFISLLRSLWADGLIHTSLKPAEILYLTVAYDWFLFGHMLVDRLSKGEEIFFCFNFKHIT SEEFCLKTQRRKSLPTRDAGFTVEDICMLRHKDRGSTTSLGSDFLVLEHSPGAVGSFSYETVELAPAGA PTQAAWRKSHSSSPQSMWLRPQPSEERLPSHHGLTEAKSSSSSSSNHSDNFFRMGSSPLEVPKPRSDVH PLPGSSLSTDFGSWQLVSGCGSIQDRPVLHTDSSLPFQDELPSCLLTALSDRETRLQEVRSFAFLAAY SSTVGLRAATPSPSGAIGLLEQFARGVGLRGTSTSTL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	59.2 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_081125</u>



[View online »](#)

Locus ID: 97287

UniProt ID: [Q8VEL2](#)

RefSeq Size: 2676

Cytogenetics: 6 E3

RefSeq ORF: 1587

Synonyms: 1110061O04Rik; AW553738; C76151

Summary: Lipid phosphatase which efficiently dephosphorylates phosphatidylinositol 3-phosphate (PtdIns3P) and PtdIns(3,5)P2; inactive toward PtdIns4P, PtdIns(3,4)P2, PtdIns(4,5)P2 and PtdIns(3,4,5)P3.[UniProtKB/Swiss-Prot Function]