

Product datasheet for TP509913

Mtmt1 (NM_016985) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myotubularin related protein 1 (Mtmt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209913 protein sequence Red=Cloning site Green=Tags(s)

MDRPVAAAAAASAASCEGAGGPGPGASWRPSRVAGGASASSRHPSIETLDSPTGSHVEWCKQLIATI
SSQISGSVTSENVSRDYKALRDGNKLAQMEEAPLFPGESIKAIKVDVIYICPFMGAVSGTLTVDFKMYF
KNVERDPHFVLDVPLGVISRVEKIGAQSHGDNVSCGIEVCKDMRNLRLAYKQEEQRKLGIFENLNKHAF
LSNGQVLFAFNYKEKFPVNGWKVYDPVSEYKRQGLPNESWKISKINSNYEFCDTYPAIIVPTSVDKDDL
SKVAAFRAKGRVPVLSWIHPESQATITRCSQPLVGPNDKCKEYKLTIMDANAQSHKLTIFDARQNS
VADTNKAKGGYENESAYPNAELIFLEIHNIHVMRESLRKLEIVYPSIDESHWLSNVDGTHWLEYIRVL
LAGAVRIADKIESGKTSVVIHCSDGWDRTSQLTSLAMLMLDSYYRTIKGFEALIEKEWISFGHRFALRVG
HGDDNHADADRSPFLQFIDCVWQMTRQFSAFELFLITILDHLYSCLFGTFLCNCEQQRIKEDVYT
NTISLWSYINSQLDEFSNPFVNYENHVLPVASMHLLEWVNYVVRWNPRMRPQMPIHQNLKELLAIKA
ELQKRVEDLQREMATRTISSSSSERGSSPHTSATPVHTSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	75.8 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.



[View online »](#)

RefSeq: [NP_058681](#)

Locus ID: 53332

UniProt ID: [Q9Z2C4](#)

RefSeq Size: 4652

Cytogenetics: X A7.3

RefSeq ORF: 2010

Synonyms: AW049210

Summary: Lipid phosphatase that has high specificity for phosphatidylinositol 3-phosphate and has no activity with phosphatidylinositol 4-phosphate, phosphatidylinositol (4,5)-bisphosphate and phosphatidylinositol (3,4,5)-trisphosphate (PubMed:12217958). Activity with phosphatidylinositol (3,5)-bisphosphate is controversial; it has been shown for the human ortholog (By similarity). In contrast, PubMed:12217958 find no activity with this substrate. [UniProtKB/Swiss-Prot Function]