

Product datasheet for **TP314077**

MTMR12 (NM_001040446) Human Recombinant Protein

Product data:

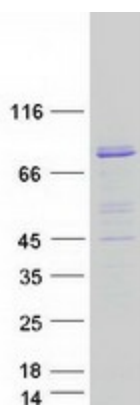
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myotubularin related protein 12 (MTMR12), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214077 representing NM_001040446 Red =Cloning site Green =Tags(s)
	<p>MLGKGWVG GGGG TKAPKPSFVS YVRPEEIH TNEKEVTEKEVTLHLLPGEQLLCEASTVLKYVQEDSCQHG VYGRVCTDFKIAFLGDDESALDND ETQFKNKVIGENDITLHCVDQIYGVFDEKKKTLFGQLKKYPEKLI IHCKDLRVFQFCLRYTKEEEVKRIVSGIIHHTQAPKLLKRLFLFSYATAAQNNVTDPKNHTVMFDTLKD WCWELERTKGNMKYKAVSVNEG YKVCERLPAYFVPTPLPEENVQRFQGHGPIWCWSCHNGSALLKMSA LPKEQDDGILQIQSFLDGIYKTIHRPPYEIVKTEDLSSNFLSLQEIQTAYSKFKQLFLIDNSTEFWDTD IKWFSLLESSSWLDIIRCLKKAIEITECMEAQN MNVLLLEENASDLCLLISSLVQLMMDPHCRTRIGFQ SLIQKEWVMGGHCFLDRCNHLRQNDKEEVPVFLFLDCVWQLVHQHPPAFEFTETYLTVLSDSL YIPIFS TFFFNSPHQKDTNMGREGQDTQSKPLNLLTVWDWSVQFEPKAQTLKNPLYVEKPKLDKGQRKGMRFKHQ RQLSLPLTQSKSSPKRGFFRETDHLIKNLLGKRISKLINSSDELQDNFREFYDSWHSKSTDYHGLLLPH IEGPEIKVWAQRYLRWIPEAQILGGGQVATLSK LLEMMEEVQSLQEKIDERHHSQQAPQAEAPCLLRNSA RLSSLPFPALLQRHSSKPVLP TSGWKALGDEDDLAKREDEFVDLGDV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	86 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_001035536</u>
Locus ID:	54545
UniProt ID:	<u>Q9C0I1</u>
RefSeq Size:	5187
Cytogenetics:	5p13.3
RefSeq ORF:	2241
Synonyms:	3-PAP; PIP3AP
Summary:	Phosphatidylinositide 3-kinase-derived membrane-anchored phosphatidylinositides, such as phosphatidylinositol 3-phosphate (PtdIns(3)P), regulate diverse cellular processes. The protein encoded by this gene functions as an adaptor subunit in a complex with an active PtdIns(3)P 3-phosphatase. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified MTMR12 protein (Cat# TP314077). The protein was produced from HEK293T cells transfected with MTMR12 cDNA clone (Cat# [RC214077]) using MegaTran 2.0 (Cat# [TT210002]).