

## Product datasheet for TP314077M

### MTMR12 (NM\_001040446) Human Recombinant Protein

#### Product data:

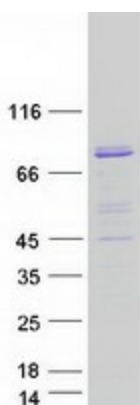
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human myotubularin related protein 12 (MTMR12), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC214077 representing NM_001040446 Red=Cloning site Green=Tags(s)
	<p>MLGKGVVGGGGGTPKPKPSFVSVRPEEIHTEKEVTEKEVTLHLLPGEQLLCEASTVLKYVQEDSCQHG          VYGRVCTDFKIAFLGDDESALDNDQFKNKVIGENDITLHCVDQIYGVFDEKKKTLFGQLKKYPEKLI          IHCKDLRVFQFCLRYTKEEEVKRIVSGIIHHTQAPKLLKRLFLFSYATAAQNNVTDPKNHTVMFDTLKD          WCWELERTKGNMKYKAVSVNEGKVCERLPAYFVPTPLPEENVQRFQGHGPIWCWSCHNGSALLKMSA          LPKEQDDGILQIQKSFLDGIYKTIHRPPYEIVKTEDLSSNFLSLQEIQTAYSFKQLFLIDNSTEFWDTD          IKWFSLLESSSWLDIIRRCLKKAIEITECMEAQNMMNVLLLEENASDLCLLISSLVQLMMDPHCRTRIGFQ          SLIQKEWVMGGHCFLDRCNHLRQNDKEEVPVFLFLDCVWQLVHQHPFAFEFTETYLTVLSDSLVIPIFS          TFFFNSPHQKDTNMGREGQDTQSKPLNLLTVWDWSVQFEPKAQTLKPNPLYVEKPKLDKGQRKGMRFKHQ          RQLSLPLTQSKSSPKRGFFREEDHLIKNLLGKRISKLINSSDELQDNFREFYDSWHSKSTDYHGLLLPH          IEGPEIKVWAQRYLRWIPEAQILGGGQVATLSKLEMMEEVQSLQEKIDERHHSQQAPQAEAPCLLRNSA          RLSSLFPFALLQRHSSKPVLPSTSGWKALGDEDDLAKREDEFVDLGDV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	86 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001035536</a>
<b>Locus ID:</b>	54545
<b>UniProt ID:</b>	<a href="#">Q9C011</a>
<b>RefSeq Size:</b>	5187
<b>Cytogenetics:</b>	5p13.3
<b>RefSeq ORF:</b>	2241
<b>Synonyms:</b>	3-PAP; PIP3AP
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).