

## Product datasheet for TP306014L

### MTMR9 (NM\_015458) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myotubularin related protein 9 (MTMR9), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206014 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MEFAELIKTPRVDNVVLRPFYPAVEGTLCLTGHHILSSRQDNTEELWLLHSNIDAIDKRFVGS LGTII IKCKDFRIIQLDIPGMEECLNIASSIEALSTLDSITLMYPPFYRPMFEVIEDGWHSFLPEQEFELYSSAT SEWRLSYVNKEFAVCPSYPPIVTPKSIDDEALRKVATFRHGGFRFPVLSYYHKKNGMVMIRSGQPLTGTN GRRCKEDEKLINATLRAGKRGYIIDTRSLNVAQQTRAKGGGFEQEAHYPQWRRIHKSIERYHILQESLIK LVEACNDQTHNMDRWLSKLEASNWLTHIKEILTTACLAQAQCIDREGASILIHGTEGTDSTLQVTS LAQII LEPRSRTIRGFEALIEREWLQAGHPFQQRCAQSAYCNTKQKWEAPVLLFLDCVWQILRQFPCSEFNEN FLIMLFEHAYASQFGTFLGNNESEKCLKLQKQKMSLWSWVNQPSSELSKFTNPLFEANNLVIWPSVAPQS LPLWEGIFLRWNRSSKYLDEAYEEMVNIIEYNKELQAKVNILRRQLAELETEDGMQESP
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	63.3 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_056273](#)

Locus ID: 66036

UniProt ID: [Q96QG7](#)

RefSeq Size: 7421

Cytogenetics: 8p23.1

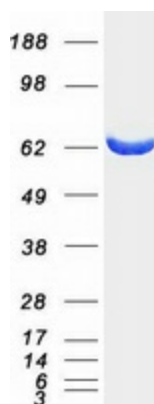
RefSeq ORF: 1647

Synonyms: C8orf9; LIP-STYX; MTMR8

**Summary:** This gene encodes a myotubularin-related protein that is atypical to most other members of the myotubularin-related protein family because it has no dual-specificity phosphatase domain. The encoded protein contains a double-helical motif similar to the SET interaction domain, which is thought to have a role in the control of cell proliferation. In mouse, a protein similar to the encoded protein binds with MTMR7, and together they dephosphorylate phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Phosphatase

### Product images:



Coomassie blue staining of purified MTMR9 protein (Cat# [TP306014]). The protein was produced from HEK293T cells transfected with MTMR9 cDNA clone (Cat# [RC206014]) using MegaTran 2.0 (Cat# [TT210002]).