

# Recombinant Human MTMR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MTMR1-6079H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MTMR1 MS Standard C13 and N15-labeled recombinant protein (NP_003819) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This gene encodes a member of the myotubularin related family of proteins. Members of this family contain the consensus sequence for the active site of protein tyrosine phosphatases. Alternatively spliced variants have been described but their biological validity has not been determined.                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 74.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MDRPAAAAAAGCEGGGGPNPGPAGGRRPPRAAGGATAGSRQPSVETLDSPTGSH<br>VEWCKQLIAATISSQISGSVTSENVSRDYKALRDGNKLAQMEEAPLFPGESIKAIVKD<br>VMYICPFMGAVSGTLTVTDFKLYFKNVERDPHFILDVPLGVISRVEKIGAQSHGDN<br>GIEIVCKDMRNLRLAYKQEEQSKLGIFENLNKHAFPLSNGQALFAFSYKEKFPINGWK<br>VYDPVSEYKRQGLPNESWKISKINSNYEFCDTYPAIIVVPTSVKDDDLKVAAFRAKG<br>RVPVLSWIHPESQATITRCSQPLVGPNDKRCKEDEKYLQTIMDANAQSHKLIIFDARQ<br>NSVADTNKTKGGGYESESAYPNAELVFLEIHNIHVMRESLRKLKEIVYPSIDEARWLS<br>NVDGTHWLEYIRMMLLAGAVRIADKIESGKTSVVVHCSDGWDRTAQLTSLAMLMLDS<br>YYRTIKGFETLVEKEWISFGHRFALRVGHGNDNHADADRSPIFLQFVDCVWQMTRQ |

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FPSAFEFNELFLITILDHLYSCLFGTFLCNCEQQRFKEDVYTKTISLWSYINSQLDEFS  
 NPFFVNYENHVLYPVASLSHLELWVNYYVRWNPRMRPQMPIHQNLKELLAVRAELQ  
 KRVEGLQREVATRAVSSSSERGGSSPSHSATSVHTSVTRTRPLEQKLISEEDLAANDI  
 LDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** MTMR1 myotubularin related protein 1 [ Homo sapiens (human) ]

**Official Symbol** MTMR1

**Synonyms** MTMR1; myotubularin related protein 1; myotubularin-related protein 1;

**Gene ID** 8776

**mRNA Refseq** NM\_003828

**Protein Refseq** NP\_003819

**MIM** 300171

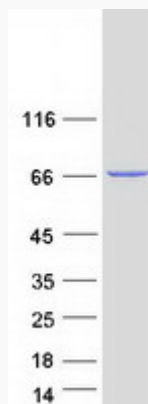
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**UniProt ID**

Q13613

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