

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

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

SPECIFICATION

Product Overview	MTMR1 MS Standard C13 and N15-labeled recombinant protein (NP_003819) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	74.5 kDa
AA Sequence	MDRPAAAAAAGCEGGGGPNPGPAGGRRPPRAAGGATAGSRQPSVETLDSPTGSH VEWCKQLIAATISSQISGSVTSENVSRDYKALRDGNKLAQMEEAPLFPGESIKAIVKD VMYICPFMGAVSGTLTVTDFKLYFKNVERDPHFILDVPLGVISRVEKIGAQSHGDN GIEIVCKDMRNLRLAYKQEEQSKLGIFENLNKHAFLPLSNGQALFAFSYKEKFPINGWK VYDPVSEYKRQGLPNESWKISKINSNYEFCDTYPAIIVVPTSVKDDDLKVAAFRAKG RVPVLSWIHPESQATITRCSQPLVGPNDKRCKEDEKYLQTIMDANAQSHKLIIFDARQ NSVADTNKTKGGGYESESAYPNAELVFLEIHNIHVMRESLRKLKEIVYPSIDEARWLS NVDGTHWLEYIRMMLLAGAVRIADKIESGKTSVVVHCSDGWDRTAQLTSLAMLMLDS YYRTIKGFETLVEKEWISFGHRFALRVGHGNDNHADADRSPIFLQFVDCVWQMTRQ

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FPSAFEFNELFLITILDHLYSCLFGTFLCNCEQQRFKEDVYTKTISLWSYINSQLDEFS
 NPFFVNYENHVLYPVASLSHLELWVNYYVRWNPRMRPQMPIHQNLKELLAVRAELQ
 KRVEGLQREVATRAVSSSSERGSSPSHSATSVHTSVTRTRPLEQKLISEEDLAANDI
 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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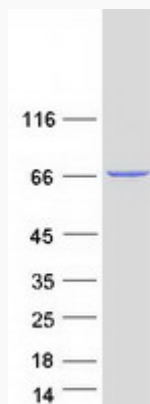
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UniProt ID

Q13613

SDS-PAGE

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