

Recombinant Human MTM1, His-tagged

Cat. No. MTM1-1086H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTM1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-362aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	MTM1 myotubularin 1 [Homo sapiens]
Official Symbol	MTM1
Synonyms	MTM1; myotubularin 1; myotubular myopathy 1; myotubularin; CNM; MTMX; XLMTM;
Gene ID	4534

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mRNA Refseq	NM_000252
Protein Refseq	NP_000243
MIM	300415
UniProt ID	Q13496
Chromosome Location	Xq27.3-q28
Pathway	Inositol phosphate metabolism, organism-specific biosystem; Inositol phosphate metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Phosphatidylinositol signaling system, organism-specific biosystem; Phosphatidylinositol signaling system, conserved biosystem;
Function	hydrolase activity; intermediate filament binding; phosphatidylinositol binding; phosphatidylinositol-3,5-bisphosphate 3-phosphatase activity; phosphatidylinositol-3-phosphatase activity; phosphoprotein phosphatase activity; protein tyrosine phosphatase a