

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 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|----------------------------|--|
| 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 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA