

Recombinant Human MTMR12 protein, His-tagged

Cat. No. MTMR12-381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTMR12 protein(NP_001035536)(1-350 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MLGKGVVGGGGGTKAPKPSFVSYVRPEEIHTEKEVTEKEVTLHLLPGEQLLCEAS TVLKYYVEDSCQHGVYGRVCTDFKIAFLGDDESALDNDDETQFKNKVIGENDITLHC VDQIYGVFDEKKKTLFGQLKKYPEKLIHCKDLRVFQFCLRYTKEEEVKRIVSGIIHHT QAPKLLKRLFLFSYATAAQNNVTDPKNHTVMFDTLKDWCWELERTKGNMKYKA VNEGKVCERLPAYFVPTPLPEENVQRFQGHGPIWCWSCHNGSALLKMSALPKE QDDGILQIQKSFLDGIYKTIHRPPYEIVKTEDLSSNFLSLQEIQTAYSKFKQLFLIDNST EFWDTD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name MTMR12 myotubularin related protein 12 [Homo sapiens]

Official Symbol MTMR12

Synonyms

MTMR12; myotubularin related protein 12; phosphatidylinositol 3 phosphate associated protein , PIP3AP; myotubularin-related protein 12; 3 PAP; 3PAP; FLJ20476; KIAA1682; 3-phosphatase adapter protein; 3-phosphatase adapter subunit; phosphatidylinositol-3-phosphate associated protein; phosphatidylinositol-3 phosphate 3-phosphatase adapter subunit; phosphatidylinositol-3 phosphate 3-phosphatase adaptor subunit; 3-PAP; PIP3AP;

Gene ID 54545

mRNA Refseq NM_001040446

Protein Refseq NP_001035536

MIM 606501

UniProt ID Q9C0I1

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SDS-PAGE

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