



Recombinant Human Myotubularin-related protein 1 (MTMR1)

Product Code	CSB-EP614435HU
Abbreviation	MTMR1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q13613
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MDRPAAAAAA GCEGGGGPNP GPAGGRRPPR AAGGATAGSR QPSVETLDSP TGSHVEWCKQ LIAATISSQI SGSVTSENV S RDYKALRDGN KLAQMEEAPL FPGESIKAIV KDVMYICPFM GAVSGTLTVT DFKLYFKNVE RDPHFILDVP LGVISRVEKI GAQSHGDNSC GIEIVCKDMR NLRLAYKQEE QSKLGIFENL NKHAFPLSNG QALFAFSYKE KFPINGWKVY DPVSEYKRQG LPNESWKISK INSNYEFCDT YPAIIVVPTS VKDDDLSKVA AFRAKGRVPV LSWIHPESQA TITRCSQPLV GPNDKRCKED EKYLQTIMDA NAQSHKLIIF DARQNSVADT NKTGGGGYES ESAYPNAELV FLEIHNIHVM RESLRKLKEI VYPSIDEARW LSNVDGTHWL EYIRMLLAGA VRIADKIESG KTSVVVHCSD GWDRTAQLTS LAMLMLDSYY RTIKGFETLV EKEWISFGHR FALRVGHGND NHADADRSP I FLQFVDCVWQ MTRQFPSAFE FNELFLITIL DHLYSCLFGT FLCNCEQQR F KEDVYTKTIS LWSYINSQLD EFSNPFFVNY ENHVLYPVAS LSHLELWVNY YVRWNPRMRP QMPIHQNLKE LLAVRAELQK RVEGLQREVA TRAVSSSSER GSSPSHSATS VHTSV
Source	E.coli
Target Names	MTMR1
Protein Names	Recommended name: Myotubularin-related protein 1 EC= 3.1.3.-
Expression Region	1-665
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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