



Recombinant Human Myotubularin-related protein 1 (MTMR1)

| | |
|--------------------------|---|
| Product Code | CSB-YP614435HU |
| 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 TGSHEWCKQ LIAATISSQI SGSVTSENVV RDYKALRDGN KLAQMEEAPL FPGESIKAIV KDVMYICPFM GAVSGTLTVT DFKLYFKNVE RDPHFILDVP LGVISRVEKI GAQSHGDNVC GIEIVCKDMR NLRLAYKQEE QSKLGIFENL NKHAFPLSNG QALFAFSYKE KFPINGWKVY DPVSEYKRQG LPNESWKISK INSNYEFCDT YPAIIVVPTS VKDDDLSKVA AFRAGKRVVP LSWIHPESQA TITRCSQPLV GPNDKRCKED EKYLQTIMDA NAQSHKLIIF DARQNSVADT NKTGGGGYES ESAYPNAELV FLEIHNIHVM RESLRKLKEI VYPSIDEARW LSNVDGTHWL EYIRMLLAGA VRIADKIESG KTSVVVHCSD GWDRTAQLTS LAMLMLDSYY RTIKGFETLV EKEWISFGHR FALRVGHGND NHADADRSPV FLQFVDCVWQ MTRQFPSAFE FNELFLITL DFLYSCLFGT FLCNCEQQRK KEDVYTKTIS LWSYINSQLD EFSNPFVNY ENHVLYPVAS LSHLELWVNY YVRWNPRMRP QMPIHQNLKE LLAVRAELQK RVEGLQREVA TRAVSSSSER GSSPSHSATS VHTSV |
| Source | Yeast |
| 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

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.