



Recombinant Human Myotubularin-related protein 9 (MTMR9)

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| Product Code | CSB-EP847211HU |
| Abbreviation | MTMR9 |
| 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. | Q96QG7 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MEFAELIKTP RVDNVVLRHP FYPAVEGTLC LTGHHLILSS RQDNTTEELWL LHSNIDAIDK RFVGS LGTII IKCKDFRIIQ LDIPGMEECL NIASSIEALS TLDSITLMYP FFYRPMFEVI EDGWH SFLPE QEFELYSSAT SEWRLSYV NK EFAVCPSYPP IVTVPKSIDD EALRKVATFR HGGRFPVLSY YHKKNGMVIM RSGQPLTGTN GRRCKEDEKL INATLRAGKR GYIIDTRSLN VAQQTRAKGG GFEQEAHYPQ WRRIHKSIER YHILQESLIK LVEACNDQTH NMDRWLSKLE ASNWLTHIKE ILTTACLA AQ CIDREGASIL IHGTEGTDST LQVTSLAQII LEPRSRTIRG FEALIEREWL QAGHPFQQRC AQSAYCNTKQ KWEAPV FLLF LDCVWQILRQ FPCSFEFNEN FLIMLFEHAY ASQFGTFLGN NESERCKLKL QQKTMSLWSW VNQPSELSKF TNPLFEANL VIWPSVAPQS LPLWEGIFLR WNRSSKYLDE AYEEMVNIIE YNKELQAKVN ILRRQLAELE TEDGMQESP |
| Source | E.coli |
| Target Names | MTMR9 |
| Protein Names | Recommended name: Myotubularin-related protein 9 |
| Expression Region | 1-549 |
| 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 myotubularin-related protein that is atypical to most other members of the myotubularin-related protein family because it has no dual-specificity phosphatase domain. The encoded protein contains a double-helical motif similar to the SET interaction domain, which is thought to have a role in the control of cell proliferation. In mouse, a protein similar to the encoded protein binds with MTMR7, and together they dephosphorylate phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate. |

**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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