

Datasheet for ABIN7556417

MTMR7 Protein (AA 1-660) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MTMR7
Protein Characteristics:	AA 1-660
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTMR7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Mtmr7 Protein expressed in mammalian cells.
Sequence:	MEHIRTPKVE NVRLVDRVSC KKAALGTLYL TATHVIFVEN APDTRKETWI LHSQISTIEK QATTATGCPL LIRCKNFQIV QLVIPQERDC HDVYISLIRL ARPVKYEELY CFSFNPKLDK EEREQGWLLV DLSEYKRMG LPDNYWQLSD VNRDYRVCDY YPTELYVPRS ATAHIIVGSS KFRSRRRFPA LSYYCKDASH SICRSSQPLS GFSARCLEDE QMLQAIRKAN PGSDFIYVVD TRPKLNAMAN RAAGKGYENE DNYSNIKQFQ IGIENIHVMR NSLQKMLEVC ELKSPSMSDF LWGLENSGWL RHIKAIMDAG IFIAKAVSEE GASVLVHCSG GWDRTAQVCS VASLLLDPPY RTLKGFVLI EKDWISFGHK FNHRYGNLDG DPKEISPVID QFIECVWQLT EQFPCAFEFN ERFLTHIQHH VYSCQFGNFL CNSQKERREL KIQERTYSLW SNLWKNRADY LNPLFRADHS QTQGSLLHPT APCNFTYKFW NGMYNRFKEG LQPRQSVTDY LMAVKEESQQ LEEELSL RLEKIQKVHL HGTKVSKQS EPSKHSGFST SDHSTANTPQ DYSGNSKSF SRSPSQGDED SALILTQDNL KSSDPDLNVN SDQESGVEDL SCRSPSGGEH APSEDSGKDR DSDEAVFLTA Sequence without tag. The proposed Purification-Tag is based on experiences with the

Product Details

expression system, a different complexity of the protein could make another tag necessary.

In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: MTMR7

Alternative Name: Mtmr7 ([MTMR7 Products](#))

Background: Myotubularin-related protein 7 (Inositol 1,3-bisphosphate phosphatase) (EC 3.1.3.-) (Phosphatidylinositol-3-phosphate phosphatase) (EC 3.1.3.64),FUNCTION: Phosphatase that specifically dephosphorylates phosphatidylinositol 3-phosphate (PtdIns(3)P) and inositol 1,3-bisphosphate (Ins(1,3)P2). {ECO:0000269|PubMed:12890864}.

Molecular Weight: 75.6 kDa

UniProt: [Q9Z2C9](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
