

Datasheet for ABIN7554619

MTMR3 Protein (AA 1-1198) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MTMR3
Protein Characteristics:	AA 1-1198
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTMR3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MTMR3 Protein expressed in mammalien cells.
Sequence:	MDEETRHSLE CIQANQIFPR KQLIRE DENL QVPFLELHGE STEFVGRAED AIIALS NYRL HIKFKESLVN VPLQLIESVE CRDIFQLHLT CKDCKVIRCQ FSTFEQCQEW LKRLNNAIRP PAKIEDLFSF AYHAWCMEVY ASEKEQHGD LCRPGEHVTSR FKNEVERMGF DMNNAWRISN INEKYKLCGS YPQELIVPAW ITDKELESVS SFRSWKRIPA VIYRHQSNGA VIARCGQPEV SWWGWRNADD EHLVQSVAKA CASDSRSSGS KLSTRNTSRD FPNGGDLSDV EFDSSLSNAS GAESLAIQPQ KLLILDARSY AA AVANRAKG GGCECPEYYP NCEVVMGMA NIHSIRRSFQ SLRLLCTQMP DPGNWLSALE STKWLHHL SV LLSALLV VH AVDQDQRPVL VHCS DGWDRT PQIVALAKLL LDPYYRTIEG FQVLVEMEWL DFGHKFADRC GHGENSDDL N ERCPVFLQWL DCVHQLQRQF PCSFEFNEAF LVKLVQHTYS CLFGTFLC NN AKERGEKHTQ ERTCSVWSLL RAGNKAFKNL LYSSQSEAVL YPVCHVRNLM LWSAVYLP CP SPTTPVDDSC APYPAGTSP DDPPLSRLPK TRSYDNLT TA CDNTVPLASR RCDPSLNEK WQEHRRSLEL SSLAGPGEDP

Product Details

LSADSLGKPT RVPGGAELSV AAGVAEQME NILQEATKEE SGVEEPAHRA GIEIQEGKED
PLLEKESRRK TPEASAIGLH QDPELGDAAL RSHLDMSWPL FSQGISEQQS GLSVLLSSLQ
VPPRGEDSLE VPVEQFRIEE IAEGREEAVL PIPVDAKVGY GTSQSCSLLP SQVPFETRGP
NVDSSTDMLV EDKVKS VSGP QGHHRSCLVN SGKDRLPQTM EPSPSETSLV ERPQVGSVWH
RTSLGSTLSL TRSPCALPLA ECKEGLVCNG APETENRASE QPPGLSTLQM YPTPNGHCAN
GEAGRSKDSL SRQLSAMSCS SAHLHSRNLH HKWLHSHSGR PSATSSPDQP SRSHLDDDDGM
SVYTDTIQQR LRQIESGHQQ EVETLKKQVQ ELKSRLESQY LTSSLHFNGD FGDEVTSIPD
SESNLDQNCL SRCSTEIFSE ASWEQVDKQD TEMTRWLPDH LAAHCYACDS AFWLASRKHH
CRNCGNVFCS SCCNQKVPVP SQQLFEPSRV CKSCYSSLHP TSSSIDLELD KPIAATSN **Sequence
without tag. The proposed Purification-Tag is based on experiences with the expression
system, a different complexity of the protein could make another tag necessary. In case you
have a special request, please contact us.**

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, Western Blot

Grade: custom-made

Target Details

Target: MTMR3

Alternative Name: MTMR3 ([MTMR3 Products](#))

Background: Myotubularin-related protein 3 (EC 3.1.3.48) (FYVE domain-containing dual specificity protein)

Target Details

phosphatase 1) (FYVE-DSP1) (Phosphatidylinositol-3,5-bisphosphate 3-phosphatase) (EC 3.1.3.95) (Phosphatidylinositol-3-phosphate phosphatase) (EC 3.1.3.64) (Zinc finger FYVE domain-containing protein 10),FUNCTION: Phosphatase that acts on lipids with a phosphoinositol headgroup (PubMed:11676921). Has phosphatase activity towards phosphatidylinositol 3-phosphate and phosphatidylinositol 3,5-bisphosphate (PubMed:11676921). May also dephosphorylate proteins phosphorylated on Ser, Thr, and Tyr residues (PubMed:10733931). {ECO:0000269|PubMed:10733931, ECO:0000269|PubMed:11676921}.

Molecular Weight: 133.6 kDa

UniProt: [Q13615](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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