

Datasheet for ABIN7564629

**MTMR3 Protein (AA 1-1196) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	MTMR3
Protein Characteristics:	AA 1-1196
Origin:	Mouse
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:	MDEEMRHSLE CIQANQIFPR KQLIREDELN QVPFLELHGE STEYVGRAEE AIIALSNYRL HIKFKESLVN VPLQLIESVE CRDIFQLHLT CKDCKVIRCQ FPTFEQCQDW LKRLNNAIRP PGKIEDLFSF AYHAWCMEVY ASEKEQHGD L CRPGEHVTSR FKNEVERMGF DMNNAWRISN INEKYKLCGS YPQELIVPAW ITDKELESVA GFRSWKRIPA VIYRHQSNGA VIARCGQPEV SWWGWRNADD EHLVQSVARA CASDSQSSIS KVSTRNSCRD FPNAGDLSDV EFDSSLSNTS GAESLALQPQ KLLILDARSY AAAVANRAKG GGCECPEYYP NCEVVMGMA NIHSIRRSFQ SLRLLCTQMP DPGNWLSALE STKWLHHLV SV LLSALLVVH AVDRDQRPVL VHCSGDGWDRT PQIVALAKLL LDPYYRTIEG FQVLVEMEWL DFGHKFADRC GHGEDSDDL N ERCPVFLQWL DCVHQLQRQF PCSFEFNEAF LVKLVQHTYS CLFGTFLC NN AKERGEKQTQ ERTCSVWSLL RAGNKAFKNL LYSSQSEAVL YPVCHVRNLM LWSAVYLP CP SPSTPTDDSC APYPVPGTSP DEPPLSR LPK TRSFDNL TTT CENMVPLASR RSSDPSLNEK WQEHGRSLEL SSFASAGEEV

## Product Details

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PAMDSLRLKPS RLLGGAELSV AAGVAEGQME NILQEATKEE SGVEEPTHRG HTEVPEVKEE  
APLAKESSMA AEGPVVLYQE PQLDDATLRS HQGPSLSLFS QGIPEHQDGH NVLSSSLQAP  
LRGEDSQEVP VEQPQVENIA EDRENVAPAV PVDKAVGLGI SQSSSLLPSQ VPFETRGPFI  
NNSVHMILLED KVKSESGPQL HHRPCPASSG RFSGKDMPLV APEPRSAERP QWDSVLHRTS  
SPGNTLSLLQ APCALPLDKC RQGIVCNGAL ETENKASEQP AGFDTLQKYP TPNGHCANWE  
AGRSKDSLSH QLSATSCSSA HLYSRNLHHK WLNSHSGRPS TTSSPDQPSR SHLDDDGMMPV  
YTDTIQQLR QIESGHQEV ETLKKQVQEL KSRLESQYLT SSLRFNGDFG DEVTSIPDSE  
SNLDQNCVSR CSTEIFSEAS WEQVDKQDTE MTRWLPDHLA AHCYACDSAF WLASRKHHCR  
NCGNVFCSSC CNQKVPVPSQ QLFEPSRVCK SCYSSLHPTS SSIDLELDKP IAATSN **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

MTMR3

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### Alternative Name:

Mtmr3 ([MTMR3 Products](#))

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### Background:

Myotubularin-related protein 3 (EC 3.1.3.48) (Phosphatidylinositol-3,5-bisphosphate 3-

## Target Details

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phosphatase) (EC 3.1.3.95) (Phosphatidylinositol-3-phosphate phosphatase) (EC 3.1.3.64),FUNCTION: Phosphatase that acts on lipids with a phosphoinositol headgroup. Has phosphatase activity towards phosphatidylinositol 3-phosphate and phosphatidylinositol 3,5-bisphosphate. May also dephosphorylate proteins phosphorylated on Ser, Thr, and Tyr residues (By similarity). {ECO:0000250|UniProtKB:Q13615}.

Molecular Weight: 133.8 kDa

UniProt: [Q8K296](#)

Pathways: [Inositol Metabolic Process](#)

## Application Details

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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

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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