

Datasheet for ABIN7564815

MTMR4 Protein (AA 1-1190) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MTMR4
Protein Characteristics:	AA 1-1190
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTMR4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Mtmr4 Protein expressed in mammalian cells.
Sequence:	<p>MGEEGPPSLE YIQAKDLFPP KELVKEEENL QVPFTVLQGE GVEFLGRATD ALIAISNYRL HIKFKDSVIN VPLRMIDSVE SRDMFQLHIA CKDSKVVRCH FSTFKQCQEW LSRLSRATAR PAKPEDLFAF AYHAWCLGLT EEDQHTHLCQ PGEHIRCRQE AELARMGFDL QNVWRVSHIN SNYKLCPSYP QKLLVPVWIT DKELENVASF RSWKRIPVVV YRHLRNGAAI ARCSQPEISW WGWRNADDEY LVTSIAKACA LDPGTRASGG SLSTGTNDAS EACDTDFDSS LTACSGVEST AAPQKLLILD ARSYTAAVAN RAKGGGCECE EYYPNCEVLF MGMANIHAIK NSFQYLRAVC SQMPDPSNWL SALESTKWLQ HLSVMLKAAV LVANTVDREG RPVLVHCSDG WDRTPQIVAL AKILLDPYYR TLEGFQVLVE SDWLDFGHKF GDRCGHQENA EDQNEQCPVF LQWLDSVHQL LKQFPCLFEF NEAFLVKLVQ HTYSCLYGTF LANNPCEREK RNIYKRTCSV WALLRAGNKN FHNFLYTPGS DVLHPVCHV RALHLWTAVY LPASSPCTLG EENMDLYLSP VAQSQEFSGR SLDRLPKTRS MDDLCSACDT SSPLTRTSSD PNLNNHSQEV RGSLEPWHSS PEGAETVIDS GVGSPQLTVG EMGLPPPLPS SQKEYLSNKP FKGHKSCSLY YKLLNTSVSW EMKSNTSDIK</p>

Product Details

VLEETEALAP DPSAQEEQGR TSDGLGKPE QFLEKEAVSS LCSVSSKCGG ACDPPEPPQD
PLTGTQQPH LDSMQISPSR CTPDHSQGSL CNPPSVASQT PEPNTDLLSQ DPPGSTASIS
HQEQPSSVPD LIYKKEDAGK RGSKNGQLE NPRFGKMPLE LARKPISQSQ ISEFSFLGSN
WDSFQGMMS FPSGETTPRR LLAYGCCSKR PSNKHIRAAG PCLGGQWAQR EGMKSPVCSS
HSNGHCTGPG GKNRMWFSS HPKQVSSTKP SLLSCPSPVP PLYLDDDGLP FPTDVIQHR
RQIEAGYRQE VEQLRRQVRE LQMRLDIRHC CAPPAPPPMD YEDDFTCLKE SDGSDTEDFG
SDHSEDCLSE ASWEPVDKKE TEVTRWVPDH MASHCFNCDC EFWLAKRRHH CRNCGNVFCA
GCCHLKLPIP DQQLYDPVLV CNSCYEHIQV SRARELMSQH LKKPIATASS **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.

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: MTMR4

Alternative Name: Mtmr4 ([MTMR4 Products](#))

Target Details

Background:	Myotubularin-related protein 4 (EC 3.1.3.48),FUNCTION: Dephosphorylates proteins phosphorylated on Ser, Thr, and Tyr residues and low molecular weight phosphatase substrate para-nitrophenylphosphate. Phosphorylates phosphatidylinositol 3,4,5-trisphosphate (PIP3) (By similarity). {ECO:0000250}.
Molecular Weight:	132.9 kDa
UniProt:	Q91XS1
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