

Datasheet for ABIN7549600

## MTMR7 Protein (AA 1-660) (His tag)



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### Overview

Quantity:	1 mg
Target:	MTMR7
Protein Characteristics:	AA 1-660
Origin:	Human
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:	<p>MEHIRTPKVE NVRLVDRVSP KKAALGTLYL TATHVIFVEN SPDPRKETWI LHSQISTIEK</p> <p>QATTATGCPL LIRCKNFQII QLIPQERDC HDVYISLIRL ARPVKYEELY CFSFNPM LDK</p> <p>EEREQGWVLI DLSEYTRMG LPNHYWQLSD VNRDYRVCD S YPTELYVPKS ATAHIIVGSS</p> <p>KFRSRRRFPV LSYYYKDNHA SICRSSQPLS GFSARCLEDE QMLQAIRKAN PGSDFVYVVD</p> <p>TRPKLNAMAN RAAGKGYENE DNYSNIKFQF IGIEIHVMR NSLQKMLEV C ELKSPSMSDF</p> <p>LWGLENSGWL RHIKAIMDAG IFIAKAVSEE GASVLVHCSD GWDRTAQVCS VASLLLDPHY</p> <p>RTLKGFMVLI EKDWISFGHK FNHRYGNLDG DPKEISPVID QFIECVWQLM EQFPCA FEFN</p> <p>ERFLIHQHH IYSCQFGNFL CNSQKERREL KIQERTYSLW AHLWKNRADY LNPLFRADHS</p> <p>QTQGT LHLPT TPCNFMYKFW SGMYNRFEKG MQPRQSVTDY LMAVKEETQQ LEELEALEE</p> <p>RLEKIQKVQL NCTKVSKQS EPSKHSGFST SDNSIANTPQ DYSGNMKSFP SRSPSQGDED</p> <p>SALILTQDNL KSSDPDLSAN SDQESGVEDL SCRSPSGGEH APSEDSGKDR DSDEAVFLTA</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the</b></p>

**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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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 ( <a href="#">MTMR7 Products</a> )
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:0000250 UniProtKB:Q9Z2C9}.
Molecular Weight:	75.8 kDa
UniProt:	<a href="#">Q9Y216</a>
Pathways:	<a href="#">Inositol Metabolic Process</a>

## Application Details

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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.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Buffer:	The buffer composition is at the discretion of the manufacturer.
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Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage:	-80 °C
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Storage Comment:	Store at -80°C.
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Expiry Date:	12 months
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