

Datasheet for ABIN7549601
MTMR8 Protein (AA 1-704) (His tag)



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Overview

Quantity:	1 mg
Target:	MTMR8
Protein Characteristics:	AA 1-704
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTMR8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MTMR8 Protein expressed in mammalien cells.
Sequence:	MDHITVPKVE NVKLVDYVS KKPANGILYL TATHLIYVEA SGAARKETWI ALHHIATVEK LPITSLGCPL TLRCKNFRVA HFVLDSLVC HEVYISLLKL SQPALPEDLY AFSYNPKSSK EMRESGWKLI DPISDFGRMG IPNRNWTITD ANRNYEICST YPPEIVPKS VTLGTVVGSS KFRSKERVPV LSYLYKENNA AICRCSQPLS GFYTRCVDDE LLEAISQTN PGSQFMYVVD TRPKLNAMAN RAAGKGYENE DNYANIRFRF MGIENIHVMR SSLQKLLEVC ELKTPTMSEF LSGLESSGWL RHIKAIMDAG IFITKAVKVE KASVLVHCSD GWDRTAQVCS VASILLDPFY RTFKGLMILI EKEWISMGHK FSQRCGHLDG DSKEVSPIFT QFLDCIWQLM EQFPCADEFN ENFLLEIHDH VFSCQFGNFL GNCQKDREDL RVYEKTHSVW PFLVQRKPDF RNPLYKGFTM YGVLPSTVP YNIQFWCGMY NRFDKGLQPK QSMLESLLI KKQRAMLETD VHELEKKLKV RDEPPEEICT CSQLGNILSQ HLGSPLTNPL GFMGINGDLN TLMENGTLSR EGGLRAQMDQ VKSQGADLHH NCCEIVGSLR AINISGDVGI SEAMGISGDM CTFEATGFSK DLGICGAMDI

SEATGISGNL GISEARGFSG DMGILGDTGI SKASTKEADY SKHQ **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <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>
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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

Target:	MTMR8
Alternative Name:	MTMR8 (MTMR8 Products)
Background:	<p>Myotubularin-related protein 8 (Phosphatidylinositol-3,5-bisphosphate 3-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 (PubMed:22647598, PubMed:26143924). Has phosphatase activity towards phosphatidylinositol 3-phosphate and phosphatidylinositol 3,5-bisphosphate (PubMed:22647598, PubMed:26143924). In complex with MTMR9, negatively regulates autophagy (PubMed:22647598).</p> <p>{ECO:0000269 PubMed:22647598, ECO:0000269 PubMed:26143924}.</p>
Molecular Weight:	78.9 kDa

Target Details

UniProt: [Q96EF0](#)

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