

Datasheet for ABIN7549580

MTMR14 Protein (AA 1-650) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MTMR14
Protein Characteristics:	AA 1-650
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTMR14 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MTMR14 Protein expressed in mammalian cells.
Sequence:	MAGARAAAAA ASAGSSASSG NQPPQELGLG ELLEEFSTRQ YRAKDGGSTG GSKVERIEKR CLELFGRDYC FSVIPNTNGD ICGHYPRHIV FLEYESSEKE KDTFESTVQV SKLQDLIHR KMARCRGRFV CPVILFKGKH ICRSATLAGW GELYGRSGYN YFFSGGADDA WADVEDVTEE DCALRSGDTH LFDKVRGYDI KLLRYLSVKY ICDLMVENKK VKFGMNVTS EKVDKAQRYA DFTLLSIPYP GCEFFKEYKD RDYMAEGLIF NWKQDYVDAP LSIPDFLTHS LNIDWSQYQC WDLVQQTQNY LKLLLSLVNS DDDSGLLVHC ISGWDRTPLF ISLLRSLWA DGLIHTSLKP TEILYLTWAY DWFLFGHMLV DRLSKGEEIF FFCFNFLKHI TSEEFSAKLT QRRKSLPARD GGFTLEDICM LRRKDRGTT SLGSDFLVMESSPGATGSF TYEAVELVPA GAPTQAARWK SHSSSPQSVL WNRQPSEDR LPSQQGLAEA RSSSSSSSNH SDNFFRMGSS PLEVPKPRSV DHPLPGSSLS TDYGSWQMTV GCGSIQERAV LHTDSSLPFS FPDELNSCL LAALSDRETR LQEVSAFLA AYSSTVGLRA VAPSPGAIG GLLEQFARGV GLRSISSNAL 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:

MTMR14

Alternative Name:

MTMR14 ([MTMR14 Products](#))

Background:

Myotubularin-related protein 14 (EC 3.1.3.-) (HCV NS5A-transactivated protein 4 splice variant A-binding protein 1) (NS5ATP4ABP1) (hJumpy),FUNCTION: Lipid phosphatase which efficiently dephosphorylates phosphatidylinositol 3-phosphate (PtdIns3P) and PtdIns(3,5)P2, inactive toward PtdIns4P, PtdIns(3,4)P2, PtdIns(4,5)P2 and PtdIns(3,4,5)P3. {ECO:0000269|PubMed:17008356}.

Molecular Weight:

72.2 kDa

UniProt:

[Q8NCE2](#)

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
