

Datasheet for ABIN7559913  
**MTMR14 Protein (AA 1-648) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MTMR14
Protein Characteristics:	AA 1-648
Origin:	Mouse
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 mammalien cells.
Sequence:	MAGARAAAAA SAGSTASSGS PPPQEPGLWE LLEEFSTQY RAKDSGGKSG SKVERIEKRC LELFGRDYCF SVIPNVNGDI CGHYPRHIVF LEYESSEKEK DTFQSTVQVN KLQDLIHRSK MARCRGRFVC PVILFKGKHI CRSATLAGWG ELYGRSGYNY LFSGGADDTW ASTEDVTEED FVLRSGDTHL FDKVRGYDIK LLQYLSVKYI CDLMVENKKV KFGMNVTSSE KVDKAQRYAN FTLLSIPYPG CEFFKEYKDR DYMAEGLIFN WKQDYVDAPL NIPNFLTQSL NIDWSQYQSW DLVQQTQNYL KLLL FIMNRD DDSGLLVHCI SGWDRTP LFI SLLRSLWAD GLIHTSLKPA EILYLTVAID WFLFGHMLVD RLSKGEEIFF FCFNFKHIT SEEFCLKTQR RKSLPTRDAG FTVEDICMLR HKDRGSTTSL GSDFLVLEH SPGAVGSFSY ETVELAPAGA PTQAAWRKSH SSSPQSMLWS RPQPSEERLP SHHGLTEAKS SSSSSSNHSD NFFRMGSSPL EVPKPRSVDH PLPGSSLSTD FGSWQLVSGC GSIQDRPVLH TDSSLPFSFQ DELPNSCLLT ALSDRETRLQ EVRSFLAAY SSTVGLRAAT PPSGAIGGL LEQFARGVGL RGTSTSTL <b>Sequence without tag.</b>

**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:

MTMR14

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Alternative Name:

Mtmr14 ([MTMR14 Products](#))

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Background:

Myotubularin-related protein 14 (EC 3.1.3.-) (mJumpy),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:0000250}.

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Molecular Weight:

72.4 kDa

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UniProt:

[Q8VEL2](#)

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Pathways:

[Inositol Metabolic Process](#)

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## 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.

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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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