

Datasheet for ABIN2726527

MTMR14 Protein (Transcript Variant 3) (Myc-DYKDDDDK Tag)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	20 µg
Target:	MTMR14
Protein Characteristics:	Transcript Variant 3
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MTMR14 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human MTMR14 / C3orf29 (transcript variant 3) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	MTMR14
Alternative Name:	Mtmr14,c3orf29 (MTMR14 Products)
Background:	This gene encodes a myotubularin-related protein. The encoded protein is a phosphoinositide phosphatase that specifically dephosphorylates phosphatidylinositol 3,5-bisphosphate and phosphatidylinositol 3-phosphate. Mutations in this gene are correlated with autosomal

Target Details

dominant centronuclear myopathy. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 18.[provided by RefSeq, Apr 2010].

Molecular Weight: 59.9 kDa

NCBI Accession: [NP_071930](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

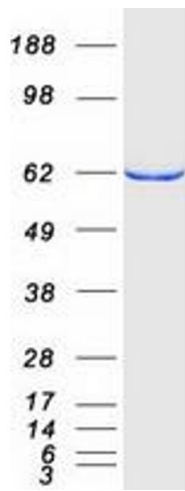
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Papp, Kovács, Billes, Varga, Tarnóci, Hackler, Puskás, Liliom, Tárnok, Schlett, Borsy, Pádár, Kovács, Hegedűs, Juhász, Komlós, Erdős, Gulyás, Vellai: "AUTEN-67, an autophagy-enhancing drug candidate with potent antiaging and neuroprotective effects." in: **Autophagy**, Vol. 12, Issue 2, pp. 273-86, (2016) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot