

Datasheet for ABIN7544647

**TMEM39A Protein (AA 1-488) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TMEM39A
Protein Characteristics:	AA 1-488
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM39A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TMEM39A Protein expressed in mammalian cells.
Sequence:	<p>MPGGRRGPSR QQLSRNALPS LQTLVGGGCG NGTGLRNRNG SAIGLPVPI TALITPGPVR HCQIPDLPVD GLLFEFLFF IYLLVALFIQ YINIYKTVWW YPINHPASCT SLNFHLIDYH LAAFITVMLA RRLVWALISE ATKAGAASMI HYMVLISARL VLLTLCGWVL CWTLVNLFRS HSVLNLLFLG YPFGVYVPLC CFHQDSRAHL LLTDYNYVVQ HEAVEESAST VGGLAKSKDF LSLLESLKE QFNNATPIPT HSCPLSPDLI RNEVECLKAD FNHRIKEVLF NSLFSAYYVA FLPLCFVKST QYYDMRWSCE HLIMVWINAF VMLTTQLLPS KYCDLLHKSA AHLGKWQKLE HGSYSNAPQH IWSENTIWPQ GVLVRHSRCL YRAMGPYNVA VPSDVSHARF YFLFHRPLRL LNLLILIEGS VVIFYQLYSLL RSEKWNHTLS MALILFCNYY VLFKLLRDRI VLGRAYSYPL NSYELKAN</p> <p><b>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.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

TMEM39A

### Alternative Name:

TMEM39A ([TMEM39A Products](#))

### Background:

Transmembrane protein 39A,FUNCTION: Regulates autophagy by controlling the spatial distribution and levels of the intracellular phosphatidylinositol 4-phosphate (PtdIns(4)P) pools (PubMed:31806350). Modulates (PtdIns(4)P) levels by regulating the ER-to-Golgi trafficking of the phosphatidylinositide phosphatase SACM1L (PubMed:31806350).  
{ECO:0000269|PubMed:31806350},. FUNCTION: (Microbial infection) Positively regulates the replication of encephalomyocarditis virus (EMCV) via autophagy-dependent pathway.  
{ECO:0000269|PubMed:31849860}.

### Molecular Weight:

55.7 kDa

### UniProt:

[Q9NV64](#)

## 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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