

Datasheet for ABIN7544451
TMEM168 Protein (AA 1-697) (His tag)



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Overview

Quantity:	1 mg
Target:	TMEM168
Protein Characteristics:	AA 1-697
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM168 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TMEM168 Protein expressed in mammalian cells.
Sequence:	<p>MCKSLRYCFS HCLYLAMTRL EEVNREVMH SSVRYLGYLA RINLLVAICL GLYVRWEKTA NSLILVIFIL GLFVLGIASI LYYYFSMEAA SLSLSNLWFG FLLGLLCFLD NSSFKNDVKE ESTKYLLLTS IVLRILCSLV ERISGYVRHR PTLTTFEFL ELVGFAIAST TMLVEKSLSV ILLVVALAML IIDLRMKSFL AIPNLVIFAV LFFSSLETP KNPIAFACFF ICLITDPFLD IYFSGLSVTE RWKPFLYRGR ICRRLSVVFA GMIELTFFIL SAFKLRDTHL WYFVIPGFSI FGIFWMICHI IFLLTLWGFH TKLNDCHKVY FTHRTDYNL DRIMASKGMR HFCLISEQLV FFSLLATAIL GAVSWQPTNG IFLSMFLIVL PLESMHGLF HELGNCLGGT SVGYAIVIPT NFCSPDGQPT LLPPEHVQEL NLRSTGMLNA IQRFFAYHMI ETYGCDYSTS GLSFDTLHSLK LKAFLELRTV DGPRHDTYIL YYSGHTHTGT EWALAGGDTL RLDTLIEWWR EKNGSFC SRL IIVLDSNST PWVKEVRKIN DQYIAVQGAE LIKTVDIEEA DPPQLGDFTK DWVEYNCNSS NNICWTEKGR TVKAVYGVSK RWSDYTLHLP TGSDVAKHWM LHFPRITYPL VHLANWLCGL NLFWICKTCF RCLKRLKMSW</p>

Product Details

FLPTVLDTGQ GFKLVKS **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:

TMEM168

Alternative Name:

TMEM168 ([TMEM168 Products](#))

Background:

Transmembrane protein 168,FUNCTION: Plays a key role in maintaining the cardiac electrical stability by modulating cell surface expression of SCN5A (PubMed:32175648). May play a role in the modulation of anxiety behavior by regulating GABAergic neuronal system in the nucleus accumbens (By similarity). {ECO:0000250|UniProtKB:Q91VX9, ECO:0000269|PubMed:32175648}.

Molecular Weight:

79.8 kDa

UniProt:

[Q9H0V1](#)

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
