

Datasheet for ABIN7560004

TMEM168 Protein (AA 1-697) (His tag)



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Overview

| | |
|-------------------------------|------------------------------------------------|
| Quantity: | 1 mg |
| Target: | TMEM168 |
| Protein Characteristics: | AA 1-697 |
| Origin: | Mouse |
| 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

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| Purpose: | Custom-made recombinat Tmem168 Protein expressed in mammalien cells. |
| Sequence: | <p>MCRSLRYCVS HCLYLAMTRL EEVNREVMH SSVRYLGYLA RINLLVAICL GLYVRWEKTA NSLILVIFIL GLFVLGIASI LYYYFSMEAA SLSLSNLWFG FLLGLLCFLD NSSFKSDVKE ETTKYLLLTIS IVLRILCALV ERISGYVRHR PTLLTTVEFL ELVGFAIAST TMLVEKSLSV ILLVMALAML IIDLRMKSFL AIPNLIIFSV LFFSSLETP QNPIAFACFF ICLVTDPFLLD IYFSGLSVTE RWKPFLEHRGR ICRRLSVLFT AMIELTFFIL SAFKLRDTHL WYFVIPGFSI FGFFWMICHI IFLLTLWGFH TKLNDCHKVY INHRADNNSL DRIMASKGMR HFCLISEQLV FFSLLATAIL GAVSWQPTNG IFLSMFLIVL PLESMAGHLF HELGNCLGGT SVGYAIVIPT NFCSPDGQPT LLPPEHVQEL NLRSTGMLNA IQRFFAYHMI ETYGCDYSTS GLSFDTLHSLK LKAFLELRTV DGPRHDTYVL YYSGHTHGSG EWALAGGDIL RLDTLLEWWR EKNGSFCFSSL IILDSENST PWWKEVRKIN DQYVAVQGAE LAKTVDIEEA DPPQLGDFTR DWVEYNCNST NNICWTEKGR TVRAVYGVSK RWSYTLHLP TGSDVAKHWM LHFPRVTYPL VHLANWLCGL NLFWVCKACF</p> |

Product Details

RCLKRLKMSW 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). Plays a role in the modulation of anxiety behavior by regulating GABAergic neuronal system in the nucleus accumbens (PubMed:29211814). {ECO:0000269|PubMed:29211814, ECO:0000269|PubMed:32175648}.

Molecular Weight:

79.7 kDa

UniProt:

[Q91VX9](#)

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
