

Datasheet for ABIN7544573
TMCC1 Protein (AA 1-653) (His tag)



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Overview

Quantity:	1 mg
Target:	TMCC1
Protein Characteristics:	AA 1-653
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMCC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMCC1 Protein expressed in mammalian cells.
Sequence:	<p>MEPSGSEQLF EDPDPGGKSQ DAEARKQTES EQKLSKMT HN ALENINVIGQ GLKHLFQHQR RRSSVSPHDV QQIQADPEPE MDLESQNACA EIDGVPTHPT ALNRVLQQIR VPPKMKRGTS LHSRRGKPEA PKGSPQINRK SGQEMTAVMQ SGRPRSSSTT DAPTSSAMME IACAAAAAAA ACLPGEEGTA ERIERLEVSS LAQTSSAVAS STDGSIHTDS VDGTPDPQRT KAAIAHLQKQ ILKLTEIQIKI AQTARDDNVA EYLKLAN SAD KQQAARIKQV FEKKNQKSAQ TILQLQKKLE HYHRKLREVE QNGIPRQPKD VFRDMHQGLK DVGAKVTGFS EGVVDSVKGG FSSFSQATHS AAGAVVSKPR EIASLIRNKF GSADNIPNLK DSLEEGQVDD AGKALGVISN FQSSPKYGSE EDCSSATSGS VGANSTTGGI AVGASSSKTN TLD MQSSGFD ALLHEIQEIR ETQARLEESF ETLKEHYQRD YSLIMQTLQE ERYRCERLEE QLNDLTELHQ NEILNLKQEL ASMEEKIAYQ SYERARDIQE ALEACQTRIS KMELQQQQQ VVQLEGLENA TARNLLGKLI NILLAVMAVL LVFVSTVANC VVPLMKTRNR TFSTLFLVVF IAFLWKHWDA LFSYVERFFS SPR Sequence without tag. The proposed Purification-Tag is based on experiences with the expression</p>

Product Details

system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different 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

Target: TMCC1

Alternative Name: TMCC1 ([TMCC1 Products](#))

Background: Transmembrane and coiled-coil domains protein 1,FUNCTION: Endoplasmic reticulum membrane protein that promotes endoplasmic reticulum-associated endosome fission (PubMed:30220460). Localizes to contact sites between the endoplasmic reticulum and endosomes and acts by promoting recruitment of the endoplasmic reticulum to endosome tubules for fission (PubMed:30220460). Endosome membrane fission of early and late endosomes is essential to separate regions destined for lysosomal degradation from carriers to be recycled to the plasma membrane (PubMed:30220460).
{ECO:0000269|PubMed:30220460}.

Target Details

Molecular Weight: 72.1 kDa

UniProt: [O94876](#)

Application Details

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.

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