

Datasheet for ABIN7544533  
**TMCC2 Protein (AA 1-709) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TMCC2
Protein Characteristics:	AA 1-709
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMCC2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TMCC2 Protein expressed in mammalian cells.
Sequence:	<p>MKRCRSDELQ QQQGEEDGAG LEDAASHLPG ADLRPGETTG ANSAGGPTSD AGAAAAPNPG PRSKPPDLKK IQLSEGS MF GHGLKHLFHS RRRSREREHQ TSQDSQQHQQ QQGMSDHDSP DEKERSPEMH RVSYAMSLHD LPARPTAFNR VLQQIRSRPS IKRGASLHSS SGGGSSGSSS RRTKSSSLEP QRGSPHLLRK APQDSSLAAI LHQHQCRPRS SSTTDTALLL ADGSNVYLLA EEAEGIGDKV DKGDLVALSL PAGHGDTDGP ISLDVDPGAP DPQRTKAAID HLHQKILKIT EQIKIEQEAR DDNVAEY LKL ANNADKQQVS RIKQVFEKKN QKSAQTIAQL HKKLEHYRRR LKEIEQNGPS RQPKDVL RDM QQGLKDVGAN VRAGISGFGG GVVEGVKGS L SGLSQATHTA VVSKPREFAS LIRNKF GSAD NIAHLKDPLE DGPPEEAARA LSGSATLVSS PKYGS DDECS SASASSAGAG SNSGAGPGGA LGSPKSNALY GAPGNLDALL EELREIKEGQ SHLED SMEDL KTQLQRDYTY MTQCLQEERY RYERLEEQLN DLTELHQNEM TNLKQELASM EEKVAYQSYE RARDIQEAVE SCLTRVTKLE LQQQQQVVQ LEGVENANAR ALLGKFINVI LALMAVLLVF VSTIANFITP LMKTRLRITS TLLLV LVLFL LWKHWDSLTY LLEHVLLPS <b>Sequence without tag.</b></p>

## Product Details

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**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.**

**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

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**Target:** TMCC2

**Alternative Name:** TMCC2 ([TMCC2 Products](#))

**Background:** Transmembrane and coiled-coil domains protein 2 (Cerebral protein 11),FUNCTION: May be involved in the regulation of the proteolytic processing of the amyloid precursor protein (APP) possibly also implicating APOE. {ECO:0000269|PubMed:21593558}.

**Molecular Weight:** 77.4 kDa

**UniProt:** [O75069](#)

## 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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