

Datasheet for ABIN7555785  
**Tmc3 Protein (AA 1-1100) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Tmc3
Protein Characteristics:	AA 1-1100
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tmc3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TMC3 Protein expressed in mammalian cells.
Sequence:	MKTSKASQRY RGIRNASQC YLYQESLLLS NLDDSFSADE TGDSNDPEQI FQNIQFQKDL MANIRCRPWT MGQKLRALRQ AKNIVLKFEGR LTRTRGYQA AGAELWRKFA RLACNFVVIF IPWEMRIKKI ESHFGSGVAS YFIFLRWLFGR INIVLTIMTG AFIVPELIA GQPFGSTARK TIPKEQVSSA QDLDTVWSLG GYLQYSVLFY GYYGRERKIG RAGYRLPLAY FLVGMVAFAY SFIILLKKMA KNSRTSLASA SNENYTFCWR VFCAWDYLIG NPEAAESKTA AIVNSIREAI LEEQEKKKSK NLAVTICLRI IANILVLLSL AGSIYLIYFV VDERSQKLEQS KKELTLWEKN EVSVVVSLVT MIAPSAFDLI AALEMYHPRT TLRFQLARVL VLYLGNLYSL IIALLDKVNMS MSIEEMATKN NTSHWIDSTT FFATRTAPEE EKWSTSRPGM GLRRNNTWAL EETSISAYTM PLIKANKTSL HTQSPQDQCW ETYVGQEMLK LSIIDMLFTV ASILLIDFFR GLFVRYLSDY WCWDLESKFP EYGEFKIAEN VLHLVYNQGM IWMGAFFSPC LPAFNVLKLI GLMYLRSWAV LTCNVPHQQV FRASRSNNFY LAMLLFMLFL CMLPTIFAIV RYKPSLNCGP FSGQEKIYDI VSETIEKDFP VWFGSVVGH SSPVVILPAV LLLFMLIYLL QSIARSLKLS NHQLKMQIQN ARSEDKKKVA QMVEARIQTQ

## Product Details

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EESTKKLPND SDLTSQLSSA HSGTPQNNNGN VAHFDSGSSK SGRIETVAQS MPQSPRPGDR  
APSSPLPGVP KSRLEHETNR YLHGLCASTS DLHRNRSRTP MFTTTHIEDV HSEPLFRKDF  
QQINPPHRGP QASTLLAQGP RPHAPRYVI NECDSYKKKH LNVWPERHFK IDASGDIVEL  
YPRNVRQYAS RVPRQPPSPQ LSEEEETPS RDWIKRSLPP RSLIDLRRAP HFYIGERSES  
QTRDPEHQGR VHYKSWNEDE EGHLEPAYV PRKPRSRNFQ YPQPPLKPRG KPRFEPSTE  
SDSVSAASSS DQQNSSADQY LQVTHSQGRF PRSVGQPSRR KAKSGQELTV DLDDLICSDV

**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.**

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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.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: Tmc3

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Alternative Name: TMC3 ([Tmc3 Products](#))

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Background: Transmembrane channel-like protein 3,FUNCTION: Probable ion channel. {ECO:0000250}.

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## Target Details

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Molecular Weight: 125.7 kDa

UniProt: [Q7Z5M5](#)

## 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.

Restrictions: For Research Use only

## Handling

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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