

Datasheet for ABIN7564203
Tmc3 Protein (AA 1-1130) (His tag)



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Overview

Quantity:	1 mg
Target:	Tmc3
Protein Characteristics:	AA 1-1130
Origin:	Mouse
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:	<p>MKTSKASQRY RSIRRNASQC YLYQDSLILG NSDDSFNADE TGDSSDPEQI FQNIQFQKDL MANIRCRPWT MGQKLRALRR AKEIVLKFEG RLTRTRGYQA AGAELWRKFA RLACNFVVIF IPWEMRIKKI ESHFGSGVAS YFIFLRWLFY INIVLTVMTG AFVVLPELIA GQPFGSTASK TIPREQITSA QDLDTVWSLG GYLQYSVLFY GYGRERRIG RAGYRLPLAY FLVGMVAFAY SFIVLLKRMA KNSRTSLASA SNENYTFCWR VFCAWDYLIG NPEAAESKTA AILNSIREAI LEEQEKKNK NMAVTVCLRI IANILVLLSL AGSIYLIYFV VDRSQKLEQS KKELTLWEKN EVSVVVSLVT MLAPSAFDLI AALEMYPHPT TLRFLARVL VLYLGNLYSL IIALLDKVNS MNIEEAATKN ITSHWADAPT FSATRTVPEE GQWPTPGSGA ELRRNTSTWV VEETSFLTSTI TPHTKANKTV PYMQGPQGQC WETYVGQEML KLSVIDMLFT VASILLIDFF RGLFVRYLSD YWCWDLESKF PEYGEFKIAE NVLHLVYNQG MIWMGAFFSP CLPAFNVLKL IGLMYLRSWA VLTCNVPHQQ VFRASRSNNF YLAMLLFMLF LCMLPTIFAI VHYKPSLNCG PFSGQEKIYD IVSETIENDF PTWFHAVVGH ISSPVVILPA VLLLFLMIYY LQSIARSLKL SSQQLRMQIQ</p>

Product Details

NARSEDKKKV AQMVEALAIP SDARQAGSAT EAESSENSKP KTLQARIQTH EESSKRLKLD
SDLISQLSSV YMATSPNNGH MLNFDLSSK SLRMEAITRS LPQSPGQGSR DPCSPLLDGS
RSRPEQDTNR HPHRCSSTS NLHKNRSCSS VTQTQPLKDV RSEPLSRKDF QPISPPFCGS
GVSTLMTHDH SPRAPRYVW NERDSHKKTH RAFWPERHFK IDALGDIVEL YPRNVQQYMS
WVPNQPCSPQ LSEEEEEMLR RDLVQWSIPA SSLTDLPRSS CFYTGDRSEN NTRDPKYQRR
VYYRSGDNSF EDQLERPTFV HRKPRSRNGQ YPQHALKARV KAKFEPSTFE SDSVSAASSS
DHQNSNNDQY LHMSSQGRF PRSASQLGRR KAKSRQVLPT DLNDLICSNV **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.**

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: Tmc3

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

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

Target Details

Molecular Weight: 128.7 kDa

UniProt: [Q7TQ69](#)

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