

Datasheet for ABIN7553590

TMEM63C Protein (AA 1-806) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TMEM63C
Protein Characteristics:	AA 1-806
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM63C protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat TMEM63C Protein expressed in mammalien cells.
Sequence:	MSASPDDLST GGRLQNMTVD ECFQSRNTVL QGQPFGGVPT VLCLNIALWV LVLVVYSFLR KAAWDYGRLL LLIHNDLST LIYGEQSEKT SPSETSLEME RRDKGFCSWF FNSITMKDED LINKCGDDAR IYIVFYHLL IFVLIICIPS LGIILPINYT GSVLDWSSH ARTTIVNVST ESKLLWLHSL LSFFYFITNF MFMAHHCLGF APRNSQKVTR TLMITYVPKD IEDPELIKH FHEAYPGSVV TRVHFCYDVR NLIDLDDQRR HAMRGRIFYT AKAKKTGKVM IRIHPCARLC FCKCWTCFKE VDAEQYSEL EEQLTDEFNA ELNRVPLKRL DLIVVTFQDS RMAKRVRKDY KYVQCGVQPQ QSSVTTIVKS YYWRVTMAPH PKDIIWKHLS VRRFFWWARF IAINFLFFL FFFLTTPAII MNTIDMYNVT RPIEKLQNPV VTQFFPSVML WGFTVILPLI VYFSAFLEAH WTRSSQNLVM VHKCYIFLVF MVVILPSMGL TSLDVFLRWL FDIYYLEQAS IRFQCVFLPD NGAFFVNYVI TAALLGTGME LLRLGSLFCY STRLFFSRSE PERVNIRKNQ AIDFQFGREY AWMMNVFSV MAYSITCPII VPFGLLYLCM KHLTDRYNMY YSFAPTKLNE QIHMAAVSQA IFAPLLGLFW

Product Details

MLFFSILRLG SLHAITIFSL STLLIAMVIA FVGIFLGKLR MVADYEPEEE EIQTVFDMEP
SSTSSTPTSL LYVATVLQEP ELNLTPASSP ARHTYGTMNN QPEEGEEESG LRGFARELDS
AQFQEGLELE GQNQYH **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:

TMEM63C

Alternative Name:

TMEM63C ([TMEM63C Products](#))

Background:

Calcium permeable stress-gated cation channel 1 (Transmembrane protein 63C),FUNCTION: Acts as an osmosensitive calcium-permeable cation channel (PubMed:24503647). Required for the functional integrity of the kidney glomerular filtration barrier (By similarity). {ECO:0000250|UniProtKB:D3ZNF5, ECO:0000269|PubMed:24503647}.

Molecular Weight:

93.3 kDa

UniProt:

[Q9P1W3](#)

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
