

Datasheet for ABIN7544460  
**TMC7 Protein (AA 1-723) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TMC7
Protein Characteristics:	AA 1-723
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMC7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat TMC7 Protein expressed in mammalien cells.
Sequence:	<p>MSSESGSALQ PGRPSRQPAV HPENLSLDSS CFSSPPVNFL QELPSYRSIA RRRTTVHSRD KQSGTLLKPT DSYSSQLEDR IAENLSSHSL RNYALNISEK RRLRDIQETQ MKYLSEWDQW KRYSSKSWKR FLEKAREMTT HLELWREDIR SIEGKFGTGI QSYFSFLRFL VLLNLVIFLI IFMLVLLPVL LTKYKITNSS FVLIPFKDMD KQCTVYPVSS SGLIYFYSYI IDLLSGTGFL EETSLFYGHY TIDGVKFQNF TYDLPLAYLL STIASLALSL LWIVKRSVEG FKINLIRSEE HFQSYCNKIF AGWDFCITNR SMADLKHSSL RYELRADLEE ERMQRKIAER TSEETIRIYS LRLFLNCIVL AVLGACFYAI YVATVFSQEH MKKEIDKMFV GENLFILYLP SIVITLANFI TPMIFAKIIR YEDYSPGFEI RLTIILRCVFM RLATICVLVF TLGSKITSCD DDTCDLCGYN QKLYPCWETQ VGQEMYKLMI FDFIIILAVT LFVDFPRKLL VTYCSSCKLI QCWGQQEFQAI PDNVLGIVYG QTICWIGAFF SPLLP AIATL KFIIFIVYKE WSLLYTCRPS PRPFRASNSN FFFLLVLLIG LCLAIPLTI SISRIPSSKA CGPFTNFNTT WEVIPKTVST FPSSLQFSIH GVTSEAFVAVP FFMIICLIMF</p>

## Product Details

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YFIALAGAHK RVVIQLREQL SLESRDKCYL IQKLTEAQRD MRN **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

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### Target:

TMC7

### Alternative Name:

TMC7 ([TMC7 Products](#))

### Background:

Transmembrane channel-like protein 7,FUNCTION: Probable ion channel. {ECO:0000250}.

### Molecular Weight:

83.5 kDa

### UniProt:

[Q7Z402](#)

## Application Details

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### 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.

## Application Details

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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