

Datasheet for ABIN7558222  
**TMC6 Protein (AA 1-810) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TMC6
Protein Characteristics:	AA 1-810
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMC6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Tmc6 Protein expressed in mammalien cells.
Sequence:	MAQSLALALD VPETTGDEGL EPSPYEESV HDSFHQLIQE QSLRVAEEGL ELLPLGLGRG DQTLPGLEGA PALSSATLRI LASMPSTIG RSRGAIISQY YNRTVRLRRR SSRPLLGNV PSARPSRLRY DLELDSTILE EDEKRSLLVK ELQGLSAAQR DHMVRNMPLS LGEKRCLEK SWSPKGRRH LQGRSGAFSC CSRLRYTCML ALHSLGLALL SGLYAARPWR YALKQIGGQF GSSVLSYFLF LKTLAFNAL MLLPLLAFLV GVQAAFPPDP AGVPPTFSG L ELLTGGGRFT HTVMYYGYYS NSTLSPSCDA PREGGQCSPR LGSLPYNMPL AYLFTMGATF FLTCIILVYS MSHSFGESYR VGSTKGIHAL TVFCSWDYKV TQKRASRVQQ DSICTQLKEL LAEWHLRKRK RSVCGQLRQV VVLGLGWLLC LGSTMGCTVA VLTFFSEVMIQ RPASGGQGV E ALALPLVSV LNLGASYLFR GLATLERHDS PVLEVYMAIC RNLILKMAVL GVLCYHWLGR RVATLQGQCW EDFVGQELYR FMVVDIFML LDSLFGELVW RLISEKKLKR GQKPEFDIAR NVLDLIYGQT LTWLGVLVFP LPAVQILRL LFLFHIKKAS LMANCQAPRR PWLASHMSTV FLTLLCFPSF

## Product Details

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LGAAVFLCYA VWQVRPSSTC GPFRTLNTMY EAGTVWVRRRL EHAGSGASWL PWLHHFLVEN  
TFFLFLASAL LLAVIYFNIQ VVKGQRKVIC LLKEQIRNEG EDKIFLINKL HSVYEEEGRS  
RPGRTQDATE PPAWHEDGGD QKEPCNPRSP **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:

TMC6

### Alternative Name:

Tmc6 ([TMC6 Products](#))

### Background:

Transmembrane channel-like protein 6,FUNCTION: Probable ion channel. {ECO:0000250}.

### Molecular Weight:

90.5 kDa

### UniProt:

[Q7TN60](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

## Application Details

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as well. 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

## 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