

Datasheet for ABIN7557027  
**Tmc5 Protein (AA 1-967) (His tag)**



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## Overview

Quantity:	1 mg
Target:	Tmc5
Protein Characteristics:	AA 1-967
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tmc5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tmc5 Protein expressed in mammalian cells.
Sequence:	MSSFHQSSY MEDADYPGYS GSRNHTHNYL ETQDYEPFPG SQNNPGFHHP RSNPHSSGSR TNPDYPIYFQE EPDYPGSLSN TVYQDTRSHF FSAHSRTRPD YESSIEPDYN DFRSESYHAG LPMEPDYPGS QSHPGFAGVG RSSMNYTGPR TNLGYLGSLE EPDYPGAQDN SYYHSGSRPH SNLPGSRRDA GYAGSRINSY PDDLGEVDYP GAENQPNSPR FYGKPDYPGA EEGDGYSSSK SLAVIRRGNG PFGMLGRRNE DYPEGIGMVS MEMAGDPRNG YVNPAYTRRI SPVCPDRNLL LCAHDWHTSV QGQKLIASLI PMTTRDRIKT IRNQPRTMQE KRELKIVDK EKNKQSHGIL EANCCAQLG SLSLTYRTR NGLSELLNYI TLWQKRFKVI GGKFGTSVLS YFSFLRWLLK FNIFSVMNF SFIIPQFTV GAKNTLQFTG LEFFTGAGYF GDTVMYYGFY TNSTIRHRMG GASYNMQLAY IFTIGACLVV CFFSLLFSMA KYFRNNFINP HIYSRGIACL IFCWDFTVTH EKAVKQKQKN LSTEIRENLS ELRQENYRLT FNQQLTRFSA HVAAWLVSTG VTAACCVAVY YLAEYNSEFL KTHRNPQAVL LLPFVVCIN LAVPRFYSMF RLVERYEIPR QEVYVLLVRN IFLKISIVGI LCYYWLNIVA LSGEECWETL IGQDIYRLLL MDFVFLSADS LLGEFLRRLI

## Product Details

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GMKFTSLSLQ EFDIARNVLE LIYAQTLTWL GIFFCP LLPF IQMITLFIMF YVKNVSLMMN  
FQPPSKAWRA SQMITFFIFL LFFPSFTGVL CTLAITIWR L KPSADCGPFR GLPSFIQSIY  
SWIDTLRRP GYLWVWVIYQ NLIQSVHFFF ILTLIVLIIT YLYWQITEGR KVMIRLLHEQ  
IINEGKDKMF LIEKLTQLQD MEKRVNPSAL DLERREVEPQ IPLHLEELGA APDLRLRRSA QEENPIA

**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: Tmc5

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Alternative Name: Tmc5 ([Tmc5 Products](#))

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Background: Transmembrane channel-like protein 5,FUNCTION: Probable ion channel. {ECO:0000250}.

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Molecular Weight: 111.1 kDa

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UniProt: [Q32NZ6](#)

## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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