

Datasheet for ABIN7556221  
**TMEM176B Protein (AA 1-263) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TMEM176B
Protein Characteristics:	AA 1-263
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM176B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Tmem176b Protein expressed in mammalian cells.
Sequence:	MVQSTVTVNG VKVASTHPQS AHISIHQK SALEQLLGAV GSLKKFLSWP QARIHYGQLS LGVTQILLGL VSCALGVCLY FGPWTELCAF GCAFWSGSVA ILAGVGTIVH EKRQGKLSGQ VSCLLLLACI ATAAAATVLG VNLSLRQTSV PYYVEIFSTC NPLQSSMDPG YGTVRYSDDS DWKTERCREY LNMMMNLFLA FCIMLTVVCI LEIVVSVASL GLSLRSMYGR SSQALNEEES ERKLLDGHPA PASPAKEKIP AIL <b>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.</b>
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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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)
Grade:	custom-made

## Target Details

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Target:	TMEM176B
Alternative Name:	Tmem176b ( <a href="#">TMEM176B Products</a> )
Background:	Transmembrane protein 176B (Protein LR8),FUNCTION: May play a role in the process of maturation of dendritic cells (By similarity). Required for the development of cerebellar granule cells. {ECO:0000250, ECO:0000269 PubMed:16814752}.
Molecular Weight:	28.4 kDa
UniProt:	<a href="#">Q9R1Q6</a>

## 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.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
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## Handling

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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