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Datasheet for ABIN7544463

**TMEM8B Protein (AA 1-472) (His tag)**

## Overview

Quantity:	1 mg
Target:	TMEM8B
Protein Characteristics:	AA 1-472
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM8B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TMEM8B Protein expressed in mammalian cells.
Sequence:	<p>MNMPQSLGNQ PLPPEPSLG TPAEGPGTTS PPEHCWPVRP TLRNELDTFS VHFYIFFGPS VALPPERPAV FAMRLLPVLD SGGVLSLELQ LNASSVRQEN VTVFGCLTHE VPLSLGDAAV TCSKESLAGF LLSVSATTRV ARLRIPFPQT GTWFLALRSL CGVGPRFVRC RNATAEVRMR TFLSPCVDDC GPYGQCKLLR THNYLYAACE CKAGWRGWGC TDSADALTYG FQLLSTLLLC LSNLMFLPPV VLAIRSRYVL EAAVYFTTMF FSTFYHACDQ PGIVVFCIMD YDVLQFCDL GSLMSVWTV IAMARLQPVV KQVLYLLGAM LLSMALQLDR HGLWNLLGPS LFALGILATA WTVRSVRRRH CYPPTWRRWL FYLCPGSLIA GSAVLLYAFV ETRDNYFYIH SIWHMLIAGS VGFLPPRAK TDHGVPSGAR ARGCGYQLCI NEQEELGLVG PGGATVSSIC AS <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></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

TMEM8B

### Alternative Name:

TMEM8B ([TMEM8B Products](#))

### Background:

Transmembrane protein 8B (Nasopharyngeal carcinoma-associated gene 6 protein) (Protein NAG-5) (Protein NGX6),FUNCTION: May function as a regulator of the EGFR pathway. Probable tumor suppressor which may function in cell growth, proliferation and adhesion.

{ECO:0000269|PubMed:15498789, ECO:0000269|PubMed:15723283, ECO:0000269|PubMed:17270023, ECO:0000269|PubMed:17641538}.

### Molecular Weight:

51.9 kDa

### UniProt:

[A6NDV4](#)

## 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.

## 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