

Datasheet for ABIN7544414

## TMEM39B Protein (AA 1-492) (His tag)



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### Overview

Quantity:	1 mg
Target:	TMEM39B
Protein Characteristics:	AA 1-492
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM39B protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant TMEM39B Protein expressed in mammalian cells.
Sequence:	<p>MGRRGPNRT SYCRNPLCEP GSSGGSSGSH TSSASVTSVR SRTRSSSGTG LSSPPLATQT</p> <p>VVPLQHCKIP ELPVQASILF ELQLFFCQLI ALFVHYINIY KTVWWYPPSH PPSHTSLNFH</p> <p>LIDFNLLMVT TIVLGRRFIG SIVKEASQRG KVSIFRSILL FLTRFTVLTA TGWSLCRSLI</p> <p>HLFRTYSFLN LLFLCYPFGM YIPFLQLNCD LRKTSLFNHM ASMGPREAVS GLAKSRDYLL</p> <p>TLRETWKQHT RQLYGPDAMP THACCLSPSL IRSEVEFLKM DFNWRMKEVL VSSMLSAYYV</p> <p>AFVPVWFVKN THYYDKRWSC ELFLLVSIST SVILMQHLLP ASYCDLLHKA AAHLGCWQKV</p> <p>DPALCSNVLQ HPWTEECMWP QGVLVKHSKN VYKAVGHYIN AIPSDVSHFR FHFFFSKPLR</p> <p>ILNILLLEG AVIVYQLYSL MSSEKWHQTI SLALILFSNY YAFFKLLRDR LVLGKAYSYS</p> <p>ASPQRDL DHR FS <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

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

### Target:

TMEM39B

### Alternative Name:

TMEM39B ([TMEM39B Products](#))

### Background:

Transmembrane protein 39B,FUNCTION: May protect the cells against DNA damage caused by exposure to the cold-warming stress and facilitates tissue damage repair during the recovery phase. {ECO:0000250|UniProtKB:Q7ZW11}.

### Molecular Weight:

56.3 kDa

### UniProt:

[Q9GZU3](#)

### Pathways:

[SARS-CoV-2 Protein Interactome](#)

## Application Details

### 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

Restrictions: For Research Use only

Handling

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