

Datasheet for ABIN7544126

TMEM170A Protein (AA 1-144) (His tag)



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Overview

Quantity:	1 mg
Target:	TMEM170A
Protein Characteristics:	AA 1-144
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM170A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMEM170A Protein expressed in mammalian cells.
Sequence:	MEREGSGGSG GSAGLLQQIL SLKVVPVGN GTLCPNSTSL CSFPBMWYGV FLWALVSSLF FHVPAGLLAL FTLRHHKYGR FMSVSILLMG IVGPITAGIL TSAAIAGVYR AAGKEMIPFE ALTLTGTGQTF CVLVVSFLRI LATL 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.
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">• 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.

Product Details

- 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:	TMEM170A
Alternative Name:	TMEM170A (TMEM170A Products)
Background:	Transmembrane protein 170A,FUNCTION: Acts as a regulator of endoplasmic reticulum (ER) and nuclear envelope (NE) morphogenesis. Affects the ratio between tubular ER and ER sheets by promoting sheet formation at the expense of tubules. Influences NE expansion, nuclear pore complex formation and proper localization of inner nuclear membrane proteins (PubMed:26906412). {ECO:0000269 PubMed:26906412}.
Molecular Weight:	15.3 kDa
UniProt:	Q8WVE7

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.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

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