

Datasheet for ABIN7544567

**TMEM203 Protein (AA 1-136) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TMEM203
Protein Characteristics:	AA 1-136
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM203 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TMEM203 Protein expressed in mammalian cells.
Sequence:	MLFSLRELVQ WLGFATFEIF VHLLALLVFS VLLALRVDGL VPGLSWWNVF VPFFAADGLS TYFTTIVSVR LFQDGEKRLA VLRLFWLTV LSLKVFEML LCQKLAEQTR ELWFGLITSP LFILLQLLMI RACRVN <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><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li></ul>

## Product Details

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- 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:	TMEM203
Alternative Name:	TMEM203 ( <a href="#">TMEM203 Products</a> )
Background:	<p>Transmembrane protein 203,FUNCTION: Involved in the regulation of cellular calcium homeostasis (PubMed:25996873). Required for spermatogenesis (PubMed:25996873). Acts as a regulator of STING-mediated inflammatory signaling in macrophages (PubMed:31346090). Forms a complex with STING, promoting the activity of TBK1 kinase and the transcription factor IRF3, leading to activation of type I interferon expression (By similarity). {ECO:0000250 UniProtKB:Q8R235, ECO:0000269 PubMed:25996873, ECO:0000269 PubMed:31346090}.</p>
Molecular Weight:	15.8 kDa
UniProt:	<a href="#">Q969S6</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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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