

Datasheet for ABIN7544528

## TMEM232 Protein (AA 1-657) (His tag)



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### Overview

Quantity:	1 mg
Target:	TMEM232
Protein Characteristics:	AA 1-657
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM232 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant TMEM232 Protein expressed in mammalian cells.
Sequence:	<p>MNMPV NKSPM INTCGGISSP YHEELWKLNF QHLSGERGHK SRPTFSITKE FILRFNQTN</p> <p>SKEKEELLE L ARKIILRCKR KLGLKTLGSG RHVHLPAAWT EVIYLAQCKG EIQDESLNML</p> <p>YASLDHASFD YDHLPALFFV AESVLYRLCC DASLKTYLYS VEIKLAKIGY LVFLRLFIFF</p> <p>LHGHLESFKQ HLLRLQPYLY ALSFSGASYH KYPNIFSNVQ FILKASEIIG KRELRSSEIF</p> <p>RPVEDKKRYE NTDS DMGGYE INHLLWHCVA AWSCVQNNSP QLNNVLEHLV FHKTQLQKKC</p> <p>WLDSVLALLV LGAAKL NMA CLKALMDVVR DFVSSIMSVQ NQEESCKVDD FSWAWN VVYI</p> <p>YTVILAEICL YAATSDLRKT ALIGFCHCKS SQKNILYLDK SVPELKETS ILSLEYFSS</p> <p>KMSENC DQVV WTGY YGLVYN LVKISWELQG DEEQDGLRNM IWQTLQKTKD YEEDVRIQNA</p> <p>INIAQAE LND PTDPFTRYST NISSNVGEEV FSKYIGWRIA NTLSKLFFPP IEAHFLPLKK</p> <p>PSIKKDQTKY PNKKLESVKK QVLHFTVREH PSVSEIPMFP YPDFFTKADK ELAKIIDHHW</p> <p>QEELKIREKE DAICKAQELK DKKLA EKNHF QEVMKKREEK LHKQTKPYEL PYRKEVI <b>Sequence</b></p> <p><b>without tag. The proposed Purification-Tag is based on experiences with the expression</b></p>

**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:	<p>Key Benefits:</p> <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><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TMEM232
Alternative Name:	TMEM232 ( <a href="#">TMEM232 Products</a> )
Background:	Transmembrane protein 232,FUNCTION: Plays a critical role for male fertility and sperm motility by regulating sperm cytoplasm removal and maintaining axoneme integrity. {ECO:0000250 UniProtKB:Q5K6N0}.
Molecular Weight:	76.5 kDa
UniProt:	<a href="#">C9JQI7</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
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