

Datasheet for ABIN7557469

TMEM232 Protein (AA 1-675) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TMEM232
Protein Characteristics:	AA 1-675
Origin:	Mouse
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>MKAYKPPVNV KFGVISSTYH EELLKSIFES SNRRKSQKPK PSFSISKEFI LRFNHTDNPA EEEEELLEQAR RLIVRSKRKL GLKTLGSGKH VHLPTAWAEV IYLAQCKGEI QDEALNMLHA SLDHVSFDHD QLPALFFLAE SVLYRLCCDA FMKGYLYSVE IKLVKIGYLI FLRLFVFFLH GHLESFKQHL LRLQPYLYAL HFSEPSYYKY PNIISNVQFI LKTSEIICKR ELHSEPFVES PDETEDPYSD LNHLQLNKRK YEVNHLWHS VAAWSCVQNN RPQLTEVLEH LLFYKTQLQT KCWLDSALAL MVLGAAKLD MACLKLMDL VTDFLENILS AQNQEENYNI YDTSWASEIV FTYTTIAEV CLYAATSDLR KTALIGFCAC KSPQQGISLT DKSEELPELD GASILTLLKY FSSRIDNCE KVIWIGYYGI VYNLVKMSWE LQGEQDQDGL RNMIWQTLQK IKDYEQDPRI RCALVIAQAE LNGSPDPFCT KATPNSGEEV FSKYIGWRIA TTLSRLFFPS LDVAPPKTPV EVDLPRKHTI RERQPAKKRV LRFILKDHSS VVEVSMTPYP NFFTAKDKKL EEIIDHHWQK DMEARKREEE AYKAQNQKDK EEKEKIHFEQ IMKQRERKLN KQTKPYEIL SEKESGSEKK CGFFELKPST APNAK Sequence without tag. The proposed Purification-Tag is based on</p>

Product Details

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:

- 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: TMEM232

Alternative Name: Tmem232 ([TMEM232 Products](#))

Background: Transmembrane protein 232 (Testis-specific protein 13),FUNCTION: Plays a critical role for male fertility and sperm motility by regulating sperm cytoplasm removal and maintaining axoneme integrity. {ECO:0000269|PubMed:37371084}.

Molecular Weight: 78.3 kDa

UniProt: [Q5K6N0](#)

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

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
