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Datasheet for ABIN7561609

TMEM37 Protein (AA 1-211) (His tag)

Overview

Quantity:	1 mg
Target:	TMEM37
Protein Characteristics:	AA 1-211
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM37 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tmem37 Protein expressed in mammalian cells.
Sequence:	MTAIGAQAHK LLGLKRPHRS FFESFIRTLI IVCTALAVVL SSVSICDGHW LLVEDHLFGL WYFCTIGNHS EPHCLRDLSQ AHMPGLAVGM GLARSVAAMA VAAIFGLEM LIVSQVCEDV RSRRKWAIGS YLLLVAFILS SGGLLTFIIL LKNQINLLGF TLMFWCEFTA SFLFFLNAAS GLHINSLTQP WPPAGTLAY RKRGYDGTSL 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.

Product Details

- 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:	TMEM37
Alternative Name:	Tmem37 (TMEM37 Products)
Background:	Voltage-dependent calcium channel gamma-like subunit (Neuronal voltage-gated calcium channel gamma-like subunit) (Transmembrane protein 37),FUNCTION: Thought to stabilize the calcium channel in an inactivated (closed) state (By similarity). Modulates calcium current when coexpressed with CACNA1G. {ECO:0000250, ECO:0000269 PubMed:10734232}.
Molecular Weight:	23.2 kDa
UniProt:	Q9JJV3
Pathways:	Response to Water Deprivation

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