

Datasheet for ABIN7544412
Tmem266 Protein (AA 1-531) (His tag)



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Overview

Quantity:	1 mg
Target:	Tmem266
Protein Characteristics:	AA 1-531
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tmem266 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMEM266 Protein expressed in mammalian cells.
Sequence:	<p>MAVAPSFNMT NPQPAIEGGI SEVEIISQQV DEETKSIAPV QLVNFAYRDL PLAAVDLSTA GSQLLSNLDE DYQREGSNWL KPCCGKRAAV WQVFLLSASL NSFLVACVIL VVILLTLELL IDIKLLQFSS AFQFAGVIHW ISLVILSVFF SETVLRIVVL GIWDYIENKI EVFDGAVIIL SLAPMVASTV ANGPRSPWDA ISLIIMLRIW RVKRVIDAYV LPVKLEMEMV IQQYEKAKVI QDEQLERLTQ ICQEQGFQFEIR QLRAHLAQD LDAAEREAALQAPHVLSQP RSRFKVLEAG TWDEETALES VVEELQPSQE ATMKDDMNSY ISQYNGPSS DSGVPEPAVC MVTAAIDIH QPNISDLFS LDMPLKLGGN GTSATSESAS RSVTRAQSD SSQTLGSSMD CSTAREEPSS EPGSPPPPLP SQQQVEEATV QDLLSSLSLSED PCPSQKALDP APLARSPAG SAQTSPELEH RVSLFNQKNQ EGFTVFQIRP VIHFAQPTVPM LEDKFRSLES KEQKLHRVPE A</p> <p>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.</p>

Product Details

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: Tmem266

Alternative Name: TMEM266 ([Tmem266 Products](#))

Background: Transmembrane protein 266 (hTMEM266) (HV1-related protein 1) (HshVRP1),FUNCTION: Voltage-sensor protein present on the post-synaptic side of glutamatergic mossy fibers and granule cells in the cerebellum (PubMed:25165868, PubMed:30810529). Despite the presence of a voltage-sensor segment, does not form a functional ion channel and its precise role remains unclear (PubMed:25165868, PubMed:30810529). Undergoes both rapid and slow structural rearrangements in response to changes in voltage (PubMed:30810529). Contains a zinc-binding site that can regulate the slow conformational transition (PubMed:30810529). {ECO:0000269|PubMed:25165868, ECO:0000269|PubMed:30810529}.

Molecular Weight: 58.4 kDa

UniProt: [Q2M3C6](#)

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
