

Datasheet for ABIN7561129

TMEM86A Protein (AA 1-241) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TMEM86A
Protein Characteristics:	AA 1-241
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM86A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tmem86a Protein expressed in mammalian cells.
Sequence:	<p>MVSPVTVVKS EGPKLVFFK ATCVYFVLWL PSSSPSWVSA LIKCLPIFCL WLFLAHGVR FLLAHPSASL IFVGLVFSAV GDAFLIWQDH GYFEHGLLMF AVAHILYAAA FGMRPLALRT GLVIGVLSGL CYALLYPGLS GAFTYLVGVY VALISFMGWR AMAGLRLVGA AWRWTELAAG GGALLFILSD LTIALNKFCF PVPYSRALIM STYYAAQMLI ALSAVESREP VGEDYRLSKA D</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>
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">• 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:	TMEM86A
Alternative Name:	Tmem86a (TMEM86A Products)
Background:	Lysoplasmalogenase TMEM86A (EC 3.3.2.2) (Transmembrane protein 86A),FUNCTION: Catalyzes the hydrolysis of the vinyl ether bond of choline or ethanolamine lysoplasmalogens, forming fatty aldehyde and glycerophosphocholine or glycerophosphoethanolamine, respectively and is specific for the sn-2-deacylated (lyso) form of plasmalogen (PubMed:35835749, PubMed:36592658). Plays an important role in lysoplasmalogen metabolism in the adipocyte tissue and macrophages (PubMed:35835749, PubMed:36592658). {ECO:0000269 PubMed:35835749, ECO:0000269 PubMed:36592658}.
Molecular Weight:	26.3 kDa
UniProt:	Q9D8N3

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