

Datasheet for ABIN7553007

TMEM30B Protein (AA 1-351) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TMEM30B
Protein Characteristics:	AA 1-351
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM30B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMEM30B Protein expressed in mammalian cells.
Sequence:	MTWSATARGA HQPDNTAFTQ QRLPAWQPLL SASIALPLFF CAGLAFI GLG LGLYSSNGI KELEYDYTDG PGTGNCVCA AAGQGRALPP PCSCAWYFSL PELFQGPVYL YELTNFYQN NRRYGVSRDD AQLSGLPSAL RHPVNECAPY QRSAAGLPIA PCGAIANSLF NDSFSLWHQR QPGGPYVEVP LDRSGIAWWT DYHVKFRNPP LVNGSLALAF QGTAPPPNWR RPYVELSPDP NNTGFINQDF VWMRTAALP TFRKLYARIR QGNYSAGLPR GAYRVNITYN YPVRAFGGHK LLIFSSISWM GGKNPFLGIA YLVVGLCIL TGFVMLVVI RYQDQDDDE E 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:

Product Details

- 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:	TMEM30B
Alternative Name:	TMEM30B (TMEM30B Products)
Background:	Cell cycle control protein 50B (P4-ATPase flippase complex beta subunit TMEM30B) (Transmembrane protein 30B),FUNCTION: Accessory component of a P4-ATPase flippase complex which catalyzes the hydrolysis of ATP coupled to the transport of aminophospholipids from the outer to the inner leaflet of various membranes and ensures the maintenance of asymmetric distribution of phospholipids. Phospholipid translocation seems also to be implicated in vesicle formation and in uptake of lipid signaling molecules. The beta subunit may assist in binding of the phospholipid substrate (Probable). Can mediate the export of alpha subunits ATP8A1, ATP8B1, ATP8B2 and ATP8B4 from the ER to the plasma membrane. {ECO:0000269 PubMed:20961850, ECO:0000305}.
Molecular Weight:	38.9 kDa
UniProt:	Q3MIR4

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
