

Datasheet for ABIN7544122

TMEM106A Protein (AA 1-262) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TMEM106A
Protein Characteristics:	AA 1-262
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM106A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMEM106A Protein expressed in mammalian cells.
Sequence:	MGKTFSQLGS WREDENKSIL SSKPAIGSKA VNYSSSTGSSK SFCSCVPCEG TADASFVTCP TCQGSQKIPQ ELEKQLVALI PYGDQRLKPK HTKLFVFLAV LICLVTSSEI VFFLFPRSVI VQPAGLNSST VAFDEADIYL NITNILNISN GNYYPIPVMTQ LTLEVLHLSL VVGQVSNLL LHIGPLASEQ MFYAVATKIR DENTYKICTW LEIKVHHVLL HIQGLTCSY LSHSEQLVFQ SYEYVDCRGN ASVPHQLTPH PP 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:	TMEM106A
Alternative Name:	TMEM106A (TMEM106A Products)
Background:	Transmembrane protein 106A,FUNCTION: Activates macrophages and polarizes them into M1-like macrophages through the activation of the MAPK and NF-kappaB signaling pathway. Upon activation, up-regulates the expression of CD80, CD86, CD69 and MHC II on macrophages, and induces the release of pro-inflammatory cytokines such as TNF, IL1B, IL6, CCL2 and nitric oxide (By similarity). May play a role in inhibition of proliferation and migration (PubMed:30456879, PubMed:29131025). {ECO:0000250 UniProtKB:Q8VC04, ECO:0000269 PubMed:29131025, ECO:0000269 PubMed:30456879}.
Molecular Weight:	28.9 kDa
UniProt:	Q96A25

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