

Datasheet for ABIN7544445

TMEM129 Protein (AA 1-362) (His tag)



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Overview

Quantity:	1 mg
Target:	TMEM129
Protein Characteristics:	AA 1-362
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMEM129 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TMEM129 Protein expressed in mammalian cells.
Sequence:	MDSPEVTFTL AYLVAFCV FTPNEFHAAG LTVQNLLSGW LGSEDAAFVP FHLRRTAATL LCHSLLPLGY YVGMCLAASE KRLHALSQAP EAWRLFLLA VTLPSIACIL IYYWSRDRWA CHPLARTLAL YALPQSGWQA VASSVNTEFR RIDKFATGAP GARVIVTDTW VMKVTTYRVH VAQQQDVHLT VTESRQHELS PDSNLPVQLL TIRVASTNPA VQAFDIWLNS TEYGELCEKL RAPIRRAAHV VIHQSLGDLF LETFASLVEV NPAYSVPSQ ELEACIGCMQ TRASVKLVKT CQEAATGECQ QCYCRPMWCL TCMGKWFASR QDPLRPDTWL ASRVPCTCR ARFCILDVCT VR 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:	TMEM129
Alternative Name:	TMEM129 (TMEM129 Products)
Background:	E3 ubiquitin-protein ligase TM129 (EC 2.3.2.27) (RING-type E3 ubiquitin transferase TM129),FUNCTION: E3 ubiquitin-protein ligase involved in ER-associated protein degradation, preferentially associates with the E2 enzyme UBE2J2. Exploited by viral US11 proteins to mediate HLA class I proteins degradation. {ECO:0000269 PubMed:24807418}.
Molecular Weight:	40.5 kDa
UniProt:	A0AVI4

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