

Datasheet for ABIN7558258

Tmc4 Protein (AA 1-694) (His tag)



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Overview

Quantity:	1 mg
Target:	Tmc4
Protein Characteristics:	AA 1-694
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tmc4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tmc4 Protein expressed in mammalian cells.
Sequence:	MEAWGQSPAC SSSRKARTGP SLASVLNDLP SAATLRYRGP GVLPGWTLDE DDDEGGRSLQ AFAETAQMES HPSRELPWPM QARRAHRKSQ ATGQLASGSE SRAAYWTRQL SRTKGKMKEG FQTIQPAWT LKKIGGQFGA GTESYFSLLR FLLFLNLVAS VIEICMKLIP TWLEGAPPGP PGPNISSPCG SYIPHTHGLV AFPTQLFNLL SGEGYLEWSP LFYGFYPPRS NLAITYLCSV FAISVIYLLC ILRRSVGLK ETLLAESDIL TSYSHRVFSA WNFGLCGDVH VRLRQRILY ELQVDLEEAV VRRRAAEQTL SRAKVWSMR ALLNVLVLAL LGAAFYGIYW ATEYTLTLQE TPLVRQTPLF KLLVDYLPFI FISLFNFVLP PVFKFIASLE GYTQSRQIVL ILLRTVFLRL ASLVFLLVSL WSQITCGGNM EAEGCKACGY NYKEIPCWET RLQEMYKLV LFDLLMGLLV TLLVQFPRKI LCGLCPGALG RLSGTLEFQV PDEVLLGLIYA QTVVWVGSFF CPLPLINTA KFLILFCLKK ITLFSIYSPA SRTFRATAN FFFPLVLLVG LAISAVPVLY SIFLIPPSKL CGPFRGKLSI WAQIPEAIES LPQTAQNFLY FLGTQAFTVP LLILSSILMM YTVALANCYG RLISELKRQI ETEVQNKVFL AQRAVALSSR NGTS Sequence without tag. The proposed Purification-Tag is based on

Product Details

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: • 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:	Tmc4
Alternative Name:	Tmc4 (Tmc4 Products)
Background:	Transmembrane channel-like protein 4,FUNCTION: Probable ion channel. {ECO:0000250}.
Molecular Weight:	77.4 kDa
UniProt:	Q7TQ65

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.
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Application Details

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