

Datasheet for ABIN7544488

Tmc4 Protein (AA 1-712) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Tmc4
Protein Characteristics:	AA 1-712
Origin:	Human
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:	<p>MEENPTLESE AWGSSRGWLA PREARGAPCS SPGPSLSSVL NELPSAATLR YRDPGVLPWG</p> <p>ALEEEEEEDGG RSRKAFTEVT QTELQDPPHS RELPWPMQAR RAHRQRNASR DQVVYGSGBK</p> <p>TDRWARLLRR SKEKTKEGLR SLQPWAWTLK RIGGQFGAGT ESYFSLRFL LLLNVLASVL</p> <p>MACMTLLPTW LGGAPPGPPG PDISSPCGSY NPHSQGLVTF ATQLFNLLSG EGYLEWSPLF</p> <p>YGFYPPRRL AVTYLCWAFA VGLICLLIL HRSVSGLKQT LLAESEALTS YSHRVFSAWD</p> <p>FGLCGDVHVR LRQRIILYEL KVELEETVVR RQAAVRTLGQ QARVWLVRVL LNLLVALLG</p> <p>AAFYGVYWAT GCTVELQEMP LVQELPLLKL GVNYLPSIFI AGVNFVLPV FKLIAPLEGY</p> <p>TRSRQIVFIL LRTVFLRLAS LVLLFSLWN QITCGGDSEA EDCKTCGYNY KQLPCWETVL</p> <p>GQEMYKLLLF DLLTVLAVAL LIQFPRKLLC GLCPGALGRL AGTQEFQVPD EVLGLIYAQT</p> <p>VVWVGSFFCP LLPLLNTVKF LLLFYLKKLT LFSTCSPAAR TFRASAANFF FPLVLLGLA</p> <p>ISSVPLLYSI FLIPPSKLCG PFRGQSSIWA QIPESISSLP ETTQNFLFFL GTQAFVPLL LISSILMAYT</p> <p>VALANSYGRL ISELKRQRQT EAQNKVFLAR RAVALTSTKP AL Sequence without tag. The</p>

Product Details

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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:	79.2 kDa
UniProt:	Q7Z404

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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