

Datasheet for ABIN7555797
TMC6 Protein (AA 1-805) (His tag)



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Overview

Quantity:	1 mg
Target:	TMC6
Protein Characteristics:	AA 1-805
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMC6 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TMC6 Protein expressed in mammalian cells.
Sequence:	MAQPLAFILD VPETPGDQGQ GPSPYDESEV HDSFQQLIQE QSQCTAQEGL ELQQREREVT GSSQOTLWRP EGTQSTATLR ILASMPSTRTI GRSRGAISQ YYNRTVQLRC RSSRPLLGNF VRSWPSLRL YDLELDPTAL EEEEKQSLLV KELQSLAVAQ RDHMLRGMPL SLAEKRSLRE KSRTPRGKWR GQPGSGGVCS CCGRLRYACV LALHSLGLAL LSALQALMPW RYALKRIGGQ FGSSVLSYFL FLKTLLAFNA LLLLLLVAFI MGPQVAFPPA LPGPAPVCTG LELLTGAGCF THTVMYYGHIY SNATLNQPCG SPLDGSQCTP RVGGLPYNMP LAYLSTVGVS FFITCITLVY SMAHSFGESY RVGSTSGIHA ITVFCSWDYK VTQKRASRLQ QDNIRTRLKE LLAEWQLRHS PRSVCGRLRQ AAVLGLVWLL CLGTALGCAV AVHVFSEFMI QSPEAAGQEA VLLVLPLVVG LLNLGAPYLC RVLAALEPHD SPVLEVYVAI CRNLILKLAI LGTLCYHWLG RRVGVVLQGQC WEDFVGQELY RFLVMDFVLM LLDTLFGELV WRIISEKKLK RRRKPEFDIA RNVLELIYGQ TLTWLGVLFSL PLLPAVQIIK LLLVFYVKKT SLLANCQAPR RPWLASHMST VFLTLLCFPA

Product Details

FLGAAVFLCY AVWQVKPSST CGPFRTLDTM YEAGR VVWRH LEAAGPRVSW LPWVHRYLME
NTFFVFLVSA LLLAVIYLN I QVVRGQRKVI CLLKEQISNE GEDKIFLINK LHSIYERKER
EERSRVGTTE EAAAPPALLT DEQDA **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

TMC6

Alternative Name:

TMC6 ([TMC6 Products](#))

Background:

Transmembrane channel-like protein 6 (Epidermodysplasia verruciformis protein 1) (Protein LAK-4),FUNCTION: Probable ion channel. {ECO:0000250}.

Molecular Weight:

90.0 kDa

UniProt:

[Q7Z403](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. 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