

Datasheet for ABIN7555815

TRAPPC10 Protein (AA 1-1259) (His tag)



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Overview

Quantity:	1 mg
Target:	TRAPPC10 (TMEM1)
Protein Characteristics:	AA 1-1259
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRAPPC10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TRAPPC10 Protein expressed in mammalian cells.
Sequence:	MDASEEPLPP VIYTMENKPI VTCAGDQNLF TSVYPTLSQQ LPREPMEWRR SYGRAPKMIH LESNFVQFKE ELLPKEGNKA LLTFPFLHIY WTECCDTEVY KATVKDDLTK WQNVLKAHSS VDWLIVIVEN DAKKKNKNTNI LPRTSIVDKI RNDFCNKQSD RCVVLSGPLK DSSRTQESWN AFLTKLRTLL LMSFTKNLKG FEDDMRTLRE KRTEPGWSFC EYFMVQEELA FVFEMLQQFE DALVQYDELD ALFSQYVVNF GAGDGANWLT FFCQPVKSWN GLILRKPIDM EKRESIQRRE ATLLDLRSYL FSRQCTLLLF LQRPWEVAQR ALELLHNCVQ ELKLLVESVP PGALDCWVFL SCLEVLQRIE GCCDRAQIDS NIAHTVGLWS YATEKLKSLG YLCGLVSEKG PNSEDLNRTV DLLAGLGAER PETANTAQSP YKKLKEALSS VEAFAEKHYLD LSHATIEMYT SIGRIRSAKF VGKDLAEFYM RKKAPQKAEI YLQGALKNYL AEGWALPITH TRKQLAECQK HLGQIENYLQ TSSLLASDHH LTEEERKHFC QEILDFASQP SDSPGHKIVL PMHSFAQLRD LHFDPSSNAV HVGGVLCVEI TMYSQMPVPV HVEQIVNVH FSIEKNSYRK TAEWLTKHKT SNGIINFPE TAPFPVSQNS LPALELYEMF ERSPSDNSLN TTGIICRVNH MLLRRQESSS SLEMPSGVAL

EEGAHLVLRCS HVTLEPGANQ ITFRTQAKEP GTYTLRQLCA SVGSVWFVLP HIYPVQYDV
YSQEPQLHVE PLADSLLAGI PQRVKFTVTT GHYTIKNGDS LQLSNAEAML ILCQAESRAV
VYSNTREQSS EAALRIQSSD KVTSISLPVA PAYHVIEFEL EVLSLPSAPA LGGESDMLGM
AEPHRKHKDK QRTGRCMVTT DHKVSIDCPW SIYSTVIALT FSVPFRTTHS LLSSGTRKYV
QVCVQNLSEL DFQLSDSYLV DTGDSTDLQL VPLNTQSQQP IYSKQSVFFV WELKWTEEP
PSLHCRFSVG FSPASEEQLS ISLKPYTYEF KVENFFTLYN VKAEIFPPSG MEYCRTGSLC
SLEVLITRLS DLLEVDKDEA LTESDEHFST KLMYEVVDNS SNWAVCGKSC GVISMVPAAR
ATHRVHMEVM PLFAGYLPLP DVRLFKYLP HSAHSSQLDA DSWIENDSLS VDKHGDDQPD
SSSLKSRGSV HSACSSEHKG LPMPLRLQALP AGQVFNSSSG TQVLVIPSQD DHVLEVSVT

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: • 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:	TRAPPC10 (TMEM1)
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Target Details

Alternative Name:	TRAPPC10 (TMEM1 Products)
Background:	Trafficking protein particle complex subunit 10 (Epilepsy holoprosencephaly candidate 1 protein) (EHOC-1) (Protein GT334) (Trafficking protein particle complex subunit TMEM1) (Transport protein particle subunit TMEM1) (TRAPP subunit TMEM1),FUNCTION: Specific subunit of the TRAPP (transport protein particle) II complex, a highly conserved vesicle tethering complex that functions in late Golgi trafficking as a membrane tether. {ECO:0000269 PubMed:11805826, ECO:0000269 PubMed:31467083, ECO:0000269 PubMed:35298461}.
Molecular Weight:	142.2 kDa
UniProt:	P48553

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