

Datasheet for ABIN7563748

Chromosome 6 Open Reading Frame 170 (C6ORF170) (AA 1-1296) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Chromosome 6 Open Reading Frame 170 (C6ORF170)
Protein Characteristics:	AA 1-1296
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant Tbc1d32 Protein expressed in mammalian cells.
Sequence:	MAHFSSSEDEV MLQAMLRQLF QSVKEKITGA PSLECAEEIL LRLEETDENF HNYEFVKYLR QHICNMLGSM IEEEMEKCTS DQNQGEDSGY DTVVQHVTKR TQESKEYKEM MHSLKNIMMV VVEAMINKFE EDETRSEDRQ RKMQSGSCCT DNCSDSDSSF NQSYKFCQ GK LRLILDQLDP GQPKEVRYEA LQTLCSAPPS DVLSCENWTT LCEKLTTSLS DPDPMFTDRI LKFYAQTFTL SPLHMTKEIY TSLAKYLEVY FLSRENHLPT LSTGVDITSP NVTRLLKKVR LLNEYQKEAP SFWIRHPEKY MEEIVESTLS LLSVKHEQSH LVPQKILDPI YFFALVDTKA VWFKKWMHAY YSRTAVLRL L EKKYKCLITT AVQQCVQYLE LCEAMKADEI LRHPKHCGTK QKSFYYSQGE LQYIYFIHSL CLLGRLLIYT QGRKLFPIKL KNRKDSVSLT NLLVLFTQLI YVSPSPCKMT SIMCSENYSP ASMVTVDVLRM LCDQKECAVE CLYNSTVTEA LLLPIHNLTG TAAAPDCSE TALIHADIL ARIASVEEGL ILLLYGENMN SSEEESLTGA HIIAKFSKLL LEEDISIFSG SEMLPVVKGA FISVCRQIYG TCEGLQVLLP YGLHESIAKA WKKTSLLSER IPTPVEGSDS VSSVSQVSPN SVAWEDNLLD DLLNFAATPK GLLLLQRTGA INECVTFMLS QYAKKPQVNR QKKFGYEVLV

Product Details

VQVASTAAGA VALQNSGFIS ALITELWSNL ECGRDDVRLT HPRATPVDPI DRSCQKSFLA
LVNLLSYPAV YELTANQELP NKAEYSLREV PTCIIDIMDR LIVLNSEAKI RLLNNEYQSH
TFGLRLLSVV CCDLDALLLL EAQYQVSNML LHAQEENTFE ISENHRNFII DGLSVERNHV
LVRINLIGGP SERILPPRML EKGDDPYWP MFSSYPLPHC YQSEGPR SAD LKQDNDIGNL
LSCFKMSDKQ TEWIENCRRQ FCKTMKSKPD AVHGSALGEL LEKFVLLLTE NPSECYFPSV
EYTATDANVK NESLSSVQQL GMKMTVRYGR FLNLLKDGAE NELALVLKHC EKFLKQQQSP
VTSSLLCLQG NYAGHDWFVS SLFMIMLGDK GKTFHFLQHF SRRLLTSAFLW VPR LHNSRYL
PVDTLGTGIH PIYFCSAHI EMLLKAEVPL VFSAFHMSGF APSQICLQWI TQCFWNYLDW
IEICHYIATC VVLGPDYQVY VCI AVLKHLQ RDILQHTQTQ DLQVFLKEEA LHGFRVSNYF
EYMENLEQNY RPVLLRDMRS IRVQNT **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: Chromosome 6 Open Reading Frame 170 (C6ORF170)

Target Details

Alternative Name:	Tbc1d32 (C6ORF170 Products)
Background:	Protein broad-minded (TBC1 domain family member 32),FUNCTION: Required for high-level Shh responses in the developing neural tube. Together with CDK20, controls the structure of the primary cilium by coordinating assembly of the ciliary membrane and axoneme, allowing GLI2 to be properly activated in response to Shh signaling. {ECO:0000269 PubMed:20159594}.
Molecular Weight:	148.1 kDa
UniProt:	Q3URV1

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