

Datasheet for ABIN7552681

## Chromosome 6 Open Reading Frame 170 (C6ORF170) (AA 1-1257) protein (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	Chromosome 6 Open Reading Frame 170 (C6ORF170)
Protein Characteristics:	AA 1-1257
Origin:	Human
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:	MAHFSSDQA MLQAMLRRLF QSVKEKITGA PSLECAEEIL LHLEETDENF HNYEFVKYLR QHIGNTLGSM IEEEMKCTS DRNQGEECGY DTVVQQVTKR TQESKEYKEM MHYLKNIMIA VVESMINKFE EDETRNQRQ KKIQKEKSHS YRTDNCSDSD SSLNQSYKFC QGKLQLILDQ LDPGQPKEVR YEALQTLCSA PPSDVLNCEN WTTLCEKLTV SLSDPDPVFS DRILKFAQQT FLLSPLHMTK EIYTSIAKYL ESYFLSRENH IPTLSAGVDI TNPNMTRLLK KVRLLNEYQK EAPSFWRHP EKYMEEIVES TSLLLTVKHN QSHVVSQKIL DPIYFFALVD TKAVWFKKWM HAHYSRTTVL RLETKYKSL VTTAIQQCVQ YFEMCKTRKA DETLGHSKHC RNKQKTFYYL GQELQYIYFI HSLCLLGRLL IYKQGRKLF IYKQGRKLF IYKQGRKLF IYKQGRKLF IYKQGRKLF KMTSAAHSEN YSPASMVTEV LWILSDQKEC AVECLYNNIV IETLLQPIHN LMKGNEASPN CSETALIHIA GILARIASVE EGLILLYGA NMNSSEESPT GAHIIAQFSK KLLDEDISIF SGSEMLPVVK GAFISVCRHI YSTCEGLQVL ITYNLHESIA KAWKTSLLS ERIPTPEGS DSVSSVSQES QNIMAWEDNL LDDLLHFAAT PKGLLLLQRT GAINECVTFI FNRYAKKLQV SRHKKFGYGV

## Product Details

---

LVTRVASTAA GGIALKKSGF INELITELWS NLEYGRDDVR VTHPRTPVD PIDRSCQKSF  
LALVNLLSYP AIYELVRNQD LPNKTEYSLR EVPTCVIDII DRLIILNSEA KIRSLFNIEQ SHIFGLRDFI  
IDGLSVERNHLVLRINLVGG PLERILPPRL LEKSDNPYPW PMFSSYPLPN CYLSDITRNA  
GIKQDNDLDK LLLCLKISDK QTEWIENCQR QFCKMMKAKP DIISGEALIE LLEKFVHLHT  
ESPSECYFPS VEYTATDANV KNESLSSVQQ LGIKMTVRYG KFLSLLKDGA ENDLTWVLKH  
CERFLKQQQT SIKSSLLCLQ GNYAGHDWFV SSLFMIMLGD KEKTFQFLHQ FSRLLSAFL  
WLPRLHISSY LPNDTVESGI HPVYFCSTHY IEMLLKAELP LVFSAFHMSG FAPSQICLQW  
ITQCFWNYLD WIEICHYIAT CVFLGPDYQV YICIAVFKHL QQDILQHTQT QDLQVFLKEE  
ALHGFRVSDY FEYMEILEQN YRTVLLRDMR NIRLQST **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 ( <a href="#">C6ORF170 Products</a> )
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 (By similarity). {ECO:0000250}.
Molecular Weight:	144.8 kDa
UniProt:	<a href="#">Q96NH3</a>

## 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