

Datasheet for ABIN7555898

TTC21A Protein (AA 1-1320) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TTC21A
Protein Characteristics:	AA 1-1320
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC21A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TTC21A Protein expressed in mammalian cells.
Sequence:	MSSNDSSLMA GIIYSQEKY FHHVQQAQAAV GLEKFSNDPV LKFFKAYGVL KEEHIQDAIS DLESIRHHPD VSLCSTMALI YAHKRCEIID REAIQELEYS LKEIRKTVSG TALYYAGLFL WLIGRHDKAK EYIDRMLKIS RGFREAYVLR GWVDLTSDKP HTAKKAIEYL EQGIQDTKDV LGLMGKAMYF MMQQNYSEAL EVVNQITVTS GSFLPALVLK MQLFLARQDW EQTVEMGHRI LEKDESNIDA CQILTVHELA REGNMTTVSS LKTQKATNHV RNLIKALETR EPENPSLHLK KIIVSRLCG SHQVILGLVC SFIERTFMAT PSYVHVATEL GYLFILKNQV KEALLWYSEA MKLDKDGMAK LTGIILCHIL EGHLEEAIEYR LEFLKEVQKS LGKSEVLIFL QALLMSRKHK GEEETTALLK EAVELHFSSM QGIPLGSEYF EKLDPYFLVC IAKYLLFCP KQPRLPQGIV SPLLKQVAVI LNPVVKAAAP LIDPLYLMAQ VRYSELENA QSILQRCLLE DPASVDAHLL MCQIYLAQGN FGMCFHCLEL GVSHNFQVRD HPLYHLIKAR ALNKAGDYPE AIKTLKMKVIK LPALKKEEGR KFLRPSVQPS QRASILLELV EALRLNGELH EATKVMQDTI NEFGGTPEEN RITIANVDLV LSKGNVDVAL NMLRNILPKQ SCYMEAREKM ANIYLQTLRD RRLYIRCYRE

LCEHLPGPHT SLLLGDALMS ILEPEKALEV YDEAYRQNPH DASLASRIGH AYWKAHQYTE
AIEYYEAAQK INGQDFLCCD LGKLLLKLKK VNKAEKVLKQ ALEHDIVQDI PSMMNDVKCL
LLLAQVYKSH KKEAVIETLN KALDLQSRIL KRVPLEQPEM IPSQKQLAAS ICIQFAEHYL
AEKEYDKAVQ SYKDVFSYLP TDNKVMLELA QLYLLQGHLD LCEQHCAILL QTEQNHETAS
VLMADLMFRK QKHEAAINLY HQVLEKAPDN FLVLHKLIDL LRRSGKLEDI PAFFELAKKV
SSRVPLEPGF NYCRGIYCWV IGQPNEALKF LNKARKDSTW GQSAIYHMQV ICLNPDNEVV
GGEAFENQGA ESNYMEKKEL EQQGVSTAEL LLREFYPHSD SSQTQLRLLQ GLCRLATREK
ANMEAAALGSF IQIAQAEKDS VPALLALAQA YVFLKQIPKA RMLKRLAKT PWVLSEAEDL
EKSWLLADI YCQGSKFDA LELLRRCVQY NKSCYKAYEY MGFIMEKEQS YKDAVTNYKL
AWKYSHHANP AIGFKLAFNY LKDKKFVEAI EICNDVLRH PDYPKIREEI LEKARRSLRP **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:	TTC21A
Alternative Name:	TTC21A (TTC21A Products)
Background:	Tetratricopeptide repeat protein 21A (TPR repeat protein 21A) (Stress-inducible protein 2),FUNCTION: Intraflagellar transport (IFT)-associated protein required for spermatogenesis (PubMed:30929735). Required for sperm flagellar formation and intraflagellar transport (PubMed:30929735). {ECO:0000269 PubMed:30929735}.
Molecular Weight:	150.9 kDa
UniProt:	Q8NDW8

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