

Datasheet for ABIN7544931  
**TTC30A Protein (AA 1-665) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	TTC30A
Protein Characteristics:	AA 1-665
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC30A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant IFT70A Protein expressed in mammalian cells.
Sequence:	MAGLSGAQIP DGEFTALVYR LIRDARYAEA VQLLGRELQR SPRSRAGLSL LGYCYRLQE FALAAECYEQ LGQLHPELEQ YRLYQAQALY KACLYPEATR VAFLLLDNPA YHSRVLRLQA AIKYSEGDLPGSRSLVEQLL SGEGGEESGG DNETDGQVNL GCLLYKEGQY EAACSKFSAT LQASGYQPDLSYNLALAYYS SRQYASALKH IAEIIEGIR QHPELGVGMT TEGFDVRSVG NTLVLHQTAL VEAFLNKAAL EYQLRNYEVA QETLTDMPPR AEEELDPVTL HNQALMNMDA RPTEGFELQ FLLQQNPFP ETFGNLLLLY CKYEYFDLAA DVLAENAHLT YKFLTPYLYD FLDALITCQT APEEAFIKLD GLAGMLTEQL RRLTKQVQEA RHNRDDEAIK KAVNEYDETM EKYIPVMAQ AKIYWNLENY PMVEKVFRKS VEFCDNDHDVW KLNVAHVLFM QENKYKEAIG FYEPIVKKHY DNILNVAIV LANLCVSYIM TSQNEEAEL MRKIEKEEQ LSYDDPNRKM YHLCIVNLVI GTLYCAKGN Y EFGISRVIKS LEPYNKKLGT DTWYYAKRCF LSLLENMSKH MIVIHDSVIQ ECVQFLGHCE LYGTNIPAVI EQPLEEERMH VGKNTVTDES RQLKALIYEI IGWNK <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the</b>

## Product Details

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**expression system, a different complexity of the protein could make another tag necessary.**

**In case you have a special request, please contact us.**

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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.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

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## Target Details

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Target: TTC30A

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Alternative Name: IFT70A ([TTC30A Products](#))

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Background: Intraflagellar transport protein 70A (Tetratricopeptide repeat protein 30A) (TPR repeat protein 30A),FUNCTION: Required for polyglutamylation of axonemal tubulin. Plays a role in anterograde intraflagellar transport (IFT), the process by which cilia precursors are transported from the base of the cilium to the site of their incorporation at the tip. {ECO:0000250}.

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Molecular Weight: 76.1 kDa

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UniProt: [Q86WT1](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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