

Datasheet for ABIN7544904

TTC30B Protein (AA 1-665) (His tag)



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Overview

Quantity:	1 mg
Target:	TTC30B
Protein Characteristics:	AA 1-665
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC30B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant IFT70B Protein expressed in mammalian cells.
Sequence:	<p>MAGLSGAQIP DGEFTAVVYR LIRNARYAEA VQLLGELQR SPRSRAGLSL LGYCYRLQE FALAAECYEQ LGQLHPELEQ YRLYQAQALY KACLYAEATR VAFLLLDNPA YHSRVLRLQA AIKYSEGDLP GSRSLVEQLP SREGGEESGG ENETDGQINL GCLLYKEGQY EAACSKFFAA LQASGYQPD LSYNLALAYYS SRQYASALKH IAEIIRGIR QHPELGVGMT TEGIDVRSVG NTLVLHQTAL VEAFLNKAAY EYQLRNYEAA QEALTDMPPR AEEELDPVTL HNQALMNMDA RPTEGFELQ FLLQQNPFP ETFGNLLLY CKYEYFDLAA DVLAENAH LIYKFLTPYLYD FLDAVITCQT APEEAFIKLD GLAGMLTEVL RKLTIQVQEA RHNRDDEAIK KAVNEYDET EKYIPVLMQ AKIYWNLENY PMVEKIFRKS VEFCDNDHVV KLNVAHVLFM QENKYKEAIG FYEPIVKKHY DNILNVSAIV LANLCVSYIM TSQNEEAEEL MRKIEKEEQ LSYYDDPKKM YHLCIVNLVI GTLYCAKGN YDFGISRVIKS LEPYNKKLGT DTWYYAKRCF LSLLNMSKH TIMLRDSVIQ ECVQFLEHCE LHGRNIPAVI EQPLEEERMH VGKNTVTYES RQLKALIYEI IGWNI</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TTC30B
Alternative Name:	IFT70B (TTC30B Products)
Background:	Intraflagellar transport protein 70B (Tetratricopeptide repeat protein 30B) (TPR repeat protein 30B),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}.
Molecular Weight:	76.1 kDa
UniProt:	Q8N4P2
Pathways:	Hedgehog Signaling

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.
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Restrictions:	For Research Use only
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Handling

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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