

Datasheet for ABIN7553129
TTC18 Protein (AA 1-1121) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TTC18
Protein Characteristics:	AA 1-1121
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC18 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CFAP70 Protein expressed in mammalian cells.
Sequence:	MEQVPSAGRL VQITVTEGYD LKGFKGDTPV TFIRAEFNQV VLGDSAKITV SPEGSAKYNF TSSFEFNPEG GITSDDLAKH PVFLTVTEVL PKEKKQKEEK TLILGQAVVD LLPLLEGQSS FQTTVPLHPV QGSPLETPRS SAKQCSLEVK VLVAEPLTT AQISGGNLLK VTLEAAYSVP ESFIPTGPGQ NYMVGLQVPS LGEKDYPILF KNGTLKLGGE REPVPRPKKW PIANILAPGA NNIPDAFIVG GPYEEEEEGEL NHPEDSEFRN QAECIKKRII WDLESRCYLD PSAVVSFQKR IADCRLWPVE ITRVPLVTIP KKGKAGKTEKT DEEAQLSFHG VAYVNMVPLL YPGVKRIRGA FHVYPYLDV SVHEKTKCLLS LFRDIGHHLI HNNKIGGINS LLSKQAVSKN LKEDKPVKEK DIDGRPRPGD VQAPSIKSQS SDTPLEGEPP LSHNPEGQYQY VEAGTYIVLE IQLDKALVPK RMPEELARRV KEMIPPRPPL TRRTGGAQKA MSDYHIQIKN ISRAILDEYY RMFGKQVAKL ESDMDSETLE EQKCQLSYEL NCSGKYFAFK EQLKHAVVKI VRDKYLKTTTS FESQEELQTF ISELYVFLVD QMHVALNQTM PDDVQGT VATIYTSSEQLQL FAFEAEVNEN FEMAAAYYKE RLVREPQNL DHWLDYGAFCL LTEDNIKAQE CFQKALSLNQ SHIHSLLLCG VLAVLLENYE

Product Details

QAEIFFEDAT CLEPTNVVAV TLLGLYYEIQ NNDIRMEMAF HEASKQLQAR MLQAQVTKQK
STGVEDTEER GKRESSLGPW GITNGSATAI KVEAPAGPGA ALSILDKFLE ESSKLQSDSQ
EPILTQTWD PSISQKPSNT FIKEIPTKKE ASKCQDSSAL LHPGLHYGVS QTTTIFMETI
HFLMKVKAVQ YVHRVLAHEL LCPQGGPSC EYYLVLAQTHI LKKNFAKAE EYLQQAQMDY
LNPNVWGLKG HLYFLSGNHS EAKACYERTI SFVVDASEMH FIFLRLGLIY LEEKEYEKAK
KTYMQACKRS PSCLTWLGLG IACYRLEELT EAEDALSEAN ALNNYNAEVW AYLALVCLKV
GRQLEAEQAY KYMIKLLKLD EALLAEIHTL QETVGFGNPS F **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: TTC18

Alternative Name: CFAP70 ([TTC18 Products](#))

Background: Cilia- and flagella-associated protein 70 (Tetratricopeptide repeat protein 18) (TPR repeat

Target Details

protein 18),FUNCTION: Axoneme-binding protein that plays a role in the regulation of ciliary motility and cilium length. {ECO:0000250|UniProtKB:D3YVL2}.

Molecular Weight: 125.7 kDa

UniProt: [Q5T0N1](#)

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