

Datasheet for ABIN7544730  
**TTC15 Protein (AA 1-735) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TTC15
Protein Characteristics:	AA 1-735
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC15 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant TRAPPC12 Protein expressed in mammalian cells.
Sequence:	MEDAGGGEET PAPEAPHPQ LAPPEEQGLL FQEETIDLGG DEFGSEENET ASEGSSPLAD KLNEHMMESV LISDSPNSEG DAGDLGRVDR EAEPGGEGDP GPEPAGTPSP SGEADGDGDCAP EDAAPSSGGA PRQDAAREVP GSEARPEQE PPVAEPVPVC TIFSQRAPPA SGDGFEPQMV KSPSFGGASE ASARTPPQVV QPSPSLSTFF GDTAASHSLA SFFDSFTTS AFISVSNPGA GSPAPASPPP LAVPGTEGRP EPVAMRGPQA AAPPASPEPF AHIQAVFAGS DDPFATALSM SEMDRRNDAW LPGEATRGLV RAVATQQRGA VFVDKENLTM PGLRFDNIQG DAVKDLMLRF LGEKAAAKRQ VLNADSVEQS FVGLKQLISC RNWRAAVDLC GRLLTAHGQG YGKSGLLTSH TTDSLQLWFV RLALLVKLGL FQNAEMEFEP FGNDQPDLY YEYYPHVYPG RRGSMVPFSM RILHAELQY LGNPQESLDR LHKVKTVC SK ILANLEQGLA EDGGMSSVTQ EGRQASIRLW RSRLGRVMYS MANCLLLMKD YVLAVEAYHS VIKYYPEQEP QLLSGIGRIS LQIGDIKTAE KYFQDVEKVT QKLDGLQGKI MVLMNFAFLH LGQNNFAEAH RFFTEILRMD PRNAVANNNA AVCLLYLGKL KDSLRQLEAM VQQDPRHYLH ESVLFNLTTM YELESSRSMQ KKQALLEAVA

## Product Details

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GKEGDSFNTQ CLKLA **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

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**Target:** TTC15

**Alternative Name:** TRAPPC12 ([TTC15 Products](#))

**Background:** Trafficking protein particle complex subunit 12 (Tetratricopeptide repeat protein 15) (TPR repeat protein 15) (TTC-15) (Trafficking of membranes and mitosis),FUNCTION: Component of the TRAPP complex, which is involved in endoplasmic reticulum to Golgi apparatus trafficking at a very early stage (PubMed:21525244, PubMed:28777934). Also plays a role in chromosome congression, kinetochore assembly and stability and controls the recruitment of CENPE to the kinetochores (PubMed:25918224). {ECO:0000269|PubMed:21525244, ECO:0000269|PubMed:25918224, ECO:0000269|PubMed:28777934}.

## Target Details

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Molecular Weight: 79.4 kDa

UniProt: [Q8WVT3](#)

## 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.

Restrictions: For Research Use only

## Handling

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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