

Datasheet for ABIN7544757
TTC12 Protein (AA 1-705) (His tag)



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Overview

Quantity:	1 mg
Target:	TTC12
Protein Characteristics:	AA 1-705
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC12 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TTC12 Protein expressed in mammalian cells.
Sequence:	MDADKEKDLQ KFLKNVDEIS NLIQEMNSDD PVVQQKAVLE TEKRLLLMEE DQEEDECRTT LNKTMISPPQ TAMKSAEEIN SEAFLASVEK DAKERAKRRR ENKVLADALK EKGNEAFAEG NYETAILRYS EGLEKCLKDMK VLYTNRAQAY MKLEDYEKAL VDCEWALKCD EKCTKAYFHM GKANLALKNY SVSRECYKKI LEINPKLQTQ VKGYLNQVDL QEKADLQEKE AHELLDSGKN TAVTTKNLLE TLSKPDQIPL FYAGGIEILT EMINECTEQT LFRMHNGFSI ISDNEVIRRC FSTAGNDAVE EMVCVSVLKL WQAVCSRNEE NQRVLVIHHD RARLLAALLS SKVLAIRQQS FALLLHLAQT ESGRSLIINH LDLTRLLEAL VSFLDFSDKE ANTAMGLFTD LALEERFQVW FQANLPGVLP ALTGVLKTDK KVSSSSALCQ CIAIMGNSA EPTTRRHMAA CEEFGDGCLS LLARCEEDVD LFREVIYTLG GLMMNLCLQA PFVSEVWAVE VSRRCLSLLN SQDGILTRA AGVLSRTLSS SLKIVEEALR AGVVKMMKF LKTGGETASR YAIKILAICT NSYHEAREEV IRLDKKLSVM MKLLSSEDEV LVGNAALCLG NCMEVPNVAS SLLKTDLLQV LLKLAGSDTQ KTAVQVNAGI ALGKLCTAEP RFAAQLRKLH GLEILNSTMK YISDS Sequence without tag. The

Product Details

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: TTC12

Alternative Name: TTC12 ([TTC12 Products](#))

Background: Tetratricopeptide repeat protein 12 (TPR repeat protein 12),FUNCTION: Cytoplasmic protein that plays a role in the proper assembly of dynein arm complexes in motile cilia in both respiratory cells and sperm flagella. {ECO:0000269|PubMed:31978331}.

Molecular Weight: 78.8 kDa

UniProt: [Q9H892](#)

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
