

Datasheet for ABIN7555854
TTC7B Protein (AA 1-843) (His tag)



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Overview

Quantity:	1 mg
Target:	TTC7B
Protein Characteristics:	AA 1-843
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC7B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat TTC7B Protein expressed in mammalian cells.
Sequence:	MATKKAGSRL ETEIERCRSE CQWERIPELV KQLSAKLIAN DDMAELLIGE SKLEQYLKEH PLRQGASPRG PKPQLTEVRK HLTAALDRGN LKSEFLQESN LIMAKLNYVE GDYKEALNIY ARVGLDDLPL TAVPPYRLRV IAEAYATKGL CLEKLPISSS TSNLHVDREQ DVITCYEKAG DIALLYLQEI ERVILSNIQN RSPKPGPAPH DQELGFFLET GLQRAHVLYF KNGNLTRGVG RFRELLRAVE TRTTQNLRMT IARQLAEILL RGMCEQSYWN PLEDPPCQSP LDDPLRKGAN TKTYTLTRRA RVYSGENIFC PQENTEEALL LLLISESMAN RDAVLSRIPE HKSDRLISLQ SASVYDLLT IALGRRGQYE MLSECLERAM KFAFEFHLW YQFALSMAA GKSARAVKVL KECIRLKPDD ATIPLLAACL CMGSLHWLEE AEKFAKTVD VGEKTSEFKA KGYLALGLTY SLQATDASLR GMQEVLRKA LLAFQRAHSL SPTDHQAAFY LALQLAISRQ IPEALGYVRQ ALQLQGDDAN SLHLLALLS AQKHYPDALN IIDMALSEYP ENFILLFSKV KLQSLCRGPD EALLTCKHML QIWKSCYNLT NPDSGRGSS LLDRTIADRR QLNTITLPDF SDPETGSVHA

Product Details

TSVAASRVEQ ALSEVASSLQ SSAPKQGPH PWMTLAQIWL HAAEVYIGIG KPAEATACTQ
EAANLFPMSH NVLYMRGQIA ELRGSMDIAR RWEYEEALAI SPTHVKSMQRL ALILHQLGRY
SLAEKILRDA VQVNSTAHEV WNLGGEVLQA QGNDAATEC FLTALELEAS SPAVPFTIIP RVL

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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

TTC7B

Alternative Name:

TTC7B ([TTC7B Products](#))

Background:

Tetratricopeptide repeat protein 7B (TPR repeat protein 7B) (Tetratricopeptide repeat protein 7-like-1) (TPR repeat protein 7-like-1),FUNCTION: Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane. The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis. In the complex, plays a central role in bridging PI4KA to EFR3B and HYCC1, via direct interactions (PubMed:26571211). {ECO:0000269|PubMed:23229899, ECO:0000269|PubMed:26571211}.

Molecular Weight:

94.2 kDa

Target Details

UniProt: [Q86TV6](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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