

Datasheet for ABIN7555871  
**TTC7A Protein (AA 1-858) (His tag)**



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## Overview

Quantity:	1 mg
Target:	TTC7A
Protein Characteristics:	AA 1-858
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC7A protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat TTC7A Protein expressed in mammalian cells.
Sequence:	MAAKGAHGSY LKVESELERC RAEGHWDRMP ELVRQLQTLS MPGGGGNRRG SPSAAFTFPD TDDFGKLLLA EALLEQCLKE NHAKIKDSMP LLEKNPKMS EAKNYLSSIL NHGRLSPQYM CEAMLILGKL HYVEGSYRDA ISMYARAGID DMSMENKPLY QMRLLEAFV IKGLSLERLP NSIASRFRLT EREEEVITCF ERASWIAQVF LQELEKTTNN STSRHLKGCH PLDYELTYFL EAALQSAYVK NLKKGIVK MRELREVLRT VETKATQNFK VMAAKHLAGV LLHSLSEECY WSPLSHPLPE FMGKEESSFA TQALRKPPLY EGDNLYCPKD NIEEALLLLL IESMATRDV VLSRVPEQEE DRTVSLQNA AAIYDLSITL GRRGQVMLS ECLERAMKFA FGEFHLWYQV ALSMVACGKS AYAVSLLREC VKLRPSDPTV PLMAAKVCIG SLRWLEEAH FAMMVISLGE EAGEFLPKGY LALGLTYSLQ ATDATLKSQ DELHRKALQT LERAQLAPS DPQVILYVSL QLALVRQISS AMEQLQEALK VRKDDAHALH LLALLFSAQK HHQHALDVVN MAITEHPENF NLMFTKVKLE QVLKGPEEAL VTCRQVRLRW QTLYSFSQLG GLEKDGSGE GLTMKKQSGM

## Product Details

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HLTLPDAHDA DSGSRRASSI AASRLEEAMS ELTMPSSVLK QGPMQLWTTL EQIWLQAAEL  
FMEQQHLKEA GFCIQEAAGL FPTSHSVLYM RGRLAEVKGN LEEAKQLYKE ALTVNPDGVR  
IMHSLGLMLS RLGHKSLAQK VLRDAVERQS TCHEAWQGLG EVLQAQQQNE AAVDCFLTAL  
ELEASSPVLP FSIIPREL **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

TTC7A

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### Alternative Name:

TTC7A ([TTC7A Products](#))

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### Background:

Tetratricopeptide repeat protein 7A (TPR repeat protein 7A),FUNCTION: Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane (PubMed:23229899, PubMed:24417819). The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (Probable). In the complex, plays a central role in bridging PI4KA to EFR3B and HYCC1, via direct interactions (By similarity). {ECO:0000250|UniProtKB:Q86TV6, ECO:0000269|PubMed:23229899, ECO:0000269|PubMed:24417819}.

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## Target Details

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Molecular Weight:	96.2 kDa
UniProt:	<a href="#">Q9ULT0</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

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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

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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