

Datasheet for ABIN7544394
CCT3 Protein (AA 1-545) (His tag)



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Overview

Quantity:	1 mg
Target:	CCT3
Protein Characteristics:	AA 1-545
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCT3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CCT3 Protein expressed in mammalian cells.
Sequence:	MMGHRPVLVL SQNTKRESGR KVQSGNINAA KTIADIIRTC LGPKSMMKML LDPMGGIVMT NDGNAILREI QVQHPAAKSM IEISRTQDEE VGDGTTSVII LAGEMLSVAE HFLEQQMHPT VVISAYRKAL DDMISTLKKI SIPVDISDSD MMLNIINSSI TTKAISRWSS LACNIALDAV KMVQFEENGR KEIDIKKYAR VEKIPGGIIE DSCVLRGVMI NKDVTHPRMR RYIKNPRIVL LDSSLEYKKG ESQTDIEITR EEDFTRILQM EEEYIQLCE DIIQLKPDVV ITEKGISDLA QHYLMRANIT AIRRVKTDN NRIARACGAR IVSRPEELRE DDVGTGAGLL EIKKIGDEYF TFITDCKDPK ACTILLRGAS KEILSEVERN LQDAMQVCRN VLLDPQLVPG GGASEMAVAH ALTEKSKAMT GVEQWPYRAV AQALEVIPRT LIQNCGASTI RLLTSLRAKH TQENCETWGV NGETGTLVDM KELGIWEPLA VKLQTYKTAV ETAVLLLRID DIVSGHKKKG DDQSRQGGAP DAGQE 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:

CCT3

Alternative Name:

CCT3 ([CCT3 Products](#))

Background:

T-complex protein 1 subunit gamma (TCP-1-gamma) (CCT-gamma) (hTRiC5),FUNCTION: Component of the chaperonin-containing T-complex (TRiC), a molecular chaperone complex that assists the folding of proteins upon ATP hydrolysis (PubMed:25467444). The TRiC complex mediates the folding of WRAP53/TCAB1, thereby regulating telomere maintenance (PubMed:25467444). As part of the TRiC complex may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia (PubMed:20080638). The TRiC complex plays a role in the folding of actin and tubulin (Probable). {ECO:0000269|PubMed:20080638, ECO:0000269|PubMed:25467444, ECO:0000305}.

Molecular Weight:

60.5 kDa

UniProt:

[P49368](#)

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.
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Restrictions:	For Research Use only
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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