

Datasheet for ABIN7544303
CCT7 Protein (AA 1-543) (His tag)



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Overview

Quantity:	1 mg
Target:	CCT7
Protein Characteristics:	AA 1-543
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCT7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CCT7 Protein expressed in mammalian cells.
Sequence:	<p>MMPTPVILLK EGTDSSQGIP QLVSNISACQ VIAEAVRTTL GPRGMDKLIV DGRGKATISN DGATILKLLD VVHPAAKTLV DIAKSQDAEV GDGTTSVTLL AAFLKQVKP YVEEGLHPQI IIRAFRTATQ LAVNKIKEIA VTVKKADKVE QRKLEKCAM TALSSKLISQ QKAFFAKMVV DAVMMLDDL QLKMIGIKKV QGGALEDSQL VAGVAFKKTFF SYAGFEMQPK KYHNPKIALL NVELELKA EK DNAEIRVHTV EDYQAIVDAE WNILYDKLEK IHHSKAKVVL SKLPIGDVAT QYFADRMFC AGRVPEEDLK RTMMACGCSI QTSVNALSAD VLGRQCQVFEE TQIGGERYNF FTGCPKAKTC TFILRGGA EQ FMEETERSLH DAIMIVRAI KNDSVVAGGG AIEMELSKYL RDYSRTIPGK QLLIGAYAK ALEIIPRQLC DNAGFDATNI LNKLRARHAQ GGTWYGV DIN NEDIADNFEA FVWEPAMVRI NALTAASEAA CLIVSVD ETKNPRSTVDAP TAAGRGRGRG RPH</p> <p>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.</p>

Product Details

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:

CCT7

Alternative Name:

CCT7 ([CCT7 Products](#))

Background:

T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) (HIV-1 Nef-interacting protein) [Cleaved into: T-complex protein 1 subunit eta, N-terminally processed],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). The TRiC complex plays a role in the folding of actin and tubulin (Probable).
{ECO:0000269|PubMed:25467444, ECO:0000305}.

Molecular Weight:

59.4 kDa

UniProt:

[Q99832](#)

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
