

Datasheet for ABIN7557944
CCDC66 Protein (AA 1-935) (His tag)



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Overview

Quantity:	1 mg
Target:	CCDC66
Protein Characteristics:	AA 1-935
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC66 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ccdc66 Protein expressed in mammalian cells.
Sequence:	<p>MNLGDGLKLE TELLDGKTKL ILSPYEHKSK VSVKMGNKFK IAKCPLRTKQ TGHTLKSTQN TYIGNENLSQ KKISTLDTSQ AKPENSRLTF SPSTDKQYSE KDSVRVQKEI SPTTSNIRKI INTTGTCVPA KQKPCCKNPT AETMNSGLVC LTQDQLRQIL MLSVNQGNQS VCLTETGEEE ASQDSLHLIN IPSQPKDVND TGFLQNTEAA SPVTSEHEHV HRRAQEAFQQ CEQKAATENE WKPADIFSTL GERERDKSLL EARRAQWKKE LDEQVALKKK EKEASQKWHN PWKPSDIECE KSQVHDQSKE ARLLESPPSA IKQEQRKWI EELNKQVEDD QQRKAERMI YSKGEEHDRW AVHFDSLKSH PGSQSRLSSQ LTHQHLESLC VSPDTQELAD VNGVFTPPPG VQAEPSEKEQ RARPVLEMAV SHGPKTNFLR SMTALLDPAQ IEEERERRRQK QLEHQKAIMA QVEENRRKKR LEEEQRKKEE QELELRLARE REEMQRQYEE DILKQRQREE IMTLKTNELF HTMQRAQELA QRLKQEQRIR ELAQKGHDT S RLIQNLGAQV DYKAFTTISS SHSDPEETAD TSTASPKKDT GVQTDDVNLG IFNDALPPCG SVTEKGIRNI SSPEISAEFS GQTDIRKENQ ELSMNKGTNL DKENSWHNGQ CNQYRRTEKQ TKLMKKCPKK PAWNINKPLK KYVPASAKYP AHLQKEKEEK</p>

Product Details

KVQRQMELLH LVERNNPENL SQNRGISPLA TSHRETESES RLHLIKKVEE PLKTPSVSKE
RFQTSPAVKN RTQQTQSNVL HLPLKNNDYE KETLTLGDGH TKLSDEMSEP SHFIPYVRTN
EIYYLDPDAP LSRPSTQDNQ YQKSHDCARE QELFSDHIR DPLLNPCLVK NRDRQQAILK
GLSELRQGLL QKQKELETNL IPLTANQEDN FSSSF **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.**

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: CCDC66

Alternative Name: Ccdc66 ([CCDC66 Products](#))

Background: Coiled-coil domain-containing protein 66,FUNCTION: Microtubule-binding protein required for ciliogenesis. May function in ciliogenesis by mediating the transport of proteins like BBS4 to the cilium, but also through the organization of the centriolar satellites (By similarity). Plays a role in retina morphogenesis and/or homeostasis (PubMed:21680557).

Target Details

{ECO:0000250|UniProtKB:A2RUB6, ECO:0000269|PubMed:21680557}.

Molecular Weight: 107.4 kDa

UniProt: [Q6NS45](#)

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