

Datasheet for ABIN7553147  
**CCDC66 Protein (AA 1-948) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CCDC66
Protein Characteristics:	AA 1-948
Origin:	Human
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 ISVKMGNKAK IAKCPLRKT GHILKSTQDT CIGSEKLLQK KPVGSETSQA KGEKNGMTFS STKDLCKQCI DKDCLHIQKE ISPATPNMQK TRNTVNTSLV GKQKPHKKHI TAENMKSSLV CLTQDQLQI LMTVNQGNRS LSLTENGKEA KSQYSLYLNS ISNQPKDENI MGLFKKTEMV SSVPAENKSV LNEHQETSKQ CEQKIAIENE WKPADIFSTL GERECDRSSL EAKKAQWRKE LDEQVALKKK EKEVSEKWND PWKKSSEDKI IWEKHQILDQ SRETVLLEHP FSAVKQELQR KWIEELNKQI EDDRQRKIEE KIIYSKGEEH DRWAMHFDSL KSYPGSQSQL FSQSTHKQPE YFCVSPDTQE LADVSSVCTP TTGSQVEPSE EEHIAKPIKD VVMANSKKTN FLRSMTALLD PAQIEERDRR RQKQLEHQKA ITAQVEEKRR KKQLEEEQRK KEEQEEELRL AQEREEMQKQ YEEDILKQKQ KEEIMTLKTN ELFQTMQRAQ ELAQLKQEQ RIRELAQKGH DTSRLIKNLG VDTIQMEYNA SNISNSRHDS DEISGKMNTY MNSTTSK KDT GVQTDDL NIG IFTNAESHCG SLMERDITNC SSPEISAEI GQFSTKKNKQ ELTQDKGASL EKENNRCONDQ CNQFTRIEKQ TKHMKKYPKR PDWNINKPPK RYIPASEKYP</p>

## Product Details

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KQLQKQREEK KVRRQMELLH LVEKNNPGHL SQNRGISPEI FHSSHQETES KLRWHLVKKE  
EEPLNIHSFS KERSPSSPVP VVKNRTQQTQ NTLHLPLKNS SYERENLISG SNQTELSSGI  
SESSHFIPIYV RTNEIYYLDP DAPLSGPSTQ DPQYQNSQDC GQKRQLFDSD CVRDPLLNP  
MVKNRDRQA ILKGLSELRQ GLLQKQKELE SLLPLAENQ EESFGSSF **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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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.

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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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: CCDC66

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

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Background: Coiled-coil domain-containing protein 66,FUNCTION: Microtubule-binding protein required for ciliogenesis (PubMed:28235840). May function in ciliogenesis by mediating the transport of proteins like BBS4 to the cilium, but also through the organization of the centriolar satellites (PubMed:28235840). Plays a role in retina morphogenesis and/or homeostasis (By similarity).

## Target Details

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{ECO:0000250|UniProtKB:Q6NS45, ECO:0000269|PubMed:28235840}.

Molecular Weight: 109.4 kDa

UniProt: [A2RUB6](#)

## Application Details

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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

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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