

Datasheet for ABIN7553046  
**CCDC61 Protein (AA 1-512) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CCDC61
Protein Characteristics:	AA 1-512
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC61 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant CCDC61 Protein expressed in mammalian cells.
Sequence:	<p>MDQPAGLQVD YVFRGVEHAV RVMVSGQVLE LEVEDRMTAD QWRGEFDAGF IEDLTHKTGN FKQFNIFCHM LESALTQSSE SVTLDLLTYT DLESLRNRKM GGRPGSLAPR SAQLNSKRYL ILIYSVEFDR IHYPLPLPYQ GKPDPVVLQG IIRSLKEELG RLQGLDGQNT RDTRENEIWH LREQVSRLAS EKRELEAQLG RSREEALAGR AARQEAELR GLVRGLELEL RQERGLGHRV AGRRGQDCRR LAKELEEAKA SERSLRARLK TLTSELALYK RGRRTPPVQP PPTREDRASS SRERSASRGR GAARSSSRES GRGSRGRGR ARPSPSPTGG RALRFDP TAF VKAKERKQRE IQMKQQQRNR LGSGGSGDGP SVSWSRQTQP PAALTGRGDA PNRSRNRSSS VDSFRSRCSS ASSCSLDLEDF SESLSRGGHR RRGKPPSPPT WSGSNMKSPP VERSHHQKSL ANSGGWVPIK EYSSEHQAAD MAEIDARLKA LQEYMNRLDM RS <b>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.</b></p>

## Product Details

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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

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## Target Details

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**Target:** CCDC61

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**Alternative Name:** CCDC61 ([CCDC61 Products](#))

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**Background:** Centrosomal protein CCDC61 (Coiled-coil domain-containing protein 61) (VFL3 homolog),FUNCTION: Microtubule-binding centrosomal protein required for centriole cohesion, independently of the centrosome-associated protein/CEP250 and rootletin/CROCC linker (PubMed:31789463). In interphase, required for anchoring microtubule at the mother centriole subdistal appendages and for centrosome positioning (PubMed:31789463). During mitosis, may be involved in spindle assembly and chromatin alignment by regulating the organization of spindle microtubules into a symmetrical structure (PubMed:30354798). Has been proposed to play a role in CEP170 recruitment to centrosomes (PubMed:30354798). However, this function could not be confirmed (PubMed:31789463). Plays a non-essential role in ciliogenesis (PubMed:31789463, PubMed:32375023). {ECO:0000269|PubMed:30354798, ECO:0000269|PubMed:31789463, ECO:0000269|PubMed:32375023}.

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## Target Details

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Molecular Weight: 57.4 kDa

UniProt: [Q9Y6R9](#)

## 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