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Datasheet for ABIN7553146

**CCDC14 Protein (AA 1-953) (His tag)**

## Overview

Quantity:	1 mg
Target:	CCDC14
Protein Characteristics:	AA 1-953
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC14 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant CCDC14 Protein expressed in mammalian cells.
Sequence:	MKRGIRRDPF RKRKLGGRAK KVREPTAVNS FYREASLPSV WASLRRREMV RSGARPGQVL SSGRHTGPAK LTNGKKATYL RKIPRFNADS GYSIHSDSES QAETVHGLDG CASLLRDILR NEDSGSETAY LENRSNSRPL ESKRYGSKKK RHEKHTIPLV VQKETSDDN KKQIPNEASA RSERDTSLE QNWSLQDHYR MYSPIIYQAL CEHVQTQMSL MNDLTSKNIP NGIPAVPCHA PSHSESQATP HSSYGLCTST PVWSLQRPPC PPKVHSEVQT DGNSQFASQG KTVSATCTDV LRNSFNTSPG VPCSLPKTDI SAIPTLQQLG LVNGILPQQG IHKETDLLKC IQTYLSLFRS HGKETHLDSQ THRSPTQSQP AFLATNEEK AREQIREATS ERKDLNIHVR DTKTVKDVQK AKNVNKTAEK VRIIKYLLGE LKALVAEQED SEIQLRITEM EACISVLPTV SGNTDIQVEI ALAMQPLRSE NAQLRRQLRI LNQQLREQQK TQKPSGAVDC NLELFSLQSL NMSLQNLQEE SLKSQELLQS KNEELLKVE NQKDENKKFS SIFKDKDQTI LENKQYDIE ITRIKIELEE ALVNVKSSQF KLETAEKENQ ILGITLRQRD AEVTRLRELT RTLQTSMAKL LSDLSVDSAR CKPGNNLTKS LLNIHDKQLQ HDPAPAHTSI MSYLNKLETN YSFTHSEPLS TIKNEETIEP

## Product Details

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DKTYENVLSS RGPQNSNTRG MEEASAPGII SALSQDSDE GSETMALIED EHNLDNTIYI  
PFARSTPEKK SPLSKRLSPQ PQIRAATTQL VSNSGLAVSG KENKLCPTVI CSSSTKEAED  
APEKLSRASD MKDTQLLKKI KEAIGKIPAA TKEPEEQTAC HGPSGCLSNS LQVKGNTVCD  
GSVFTSDLMS DWSISSFSTF TSRDEQDFRN GLAALDANIA RLQKSLRTGL LEK **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

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**Target:** CCDC14

**Alternative Name:** CCDC14 ([CCDC14 Products](#))

**Background:** Coiled-coil domain-containing protein 14,FUNCTION: Negatively regulates centriole duplication. Negatively regulates CEP63 and CDK2 centrosomal localization.  
{ECO:0000269|PubMed:24613305, ECO:0000269|PubMed:26297806}.

## Target Details

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Molecular Weight: 106.3 kDa

UniProt: [Q49A88](#)

## 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