

Datasheet for ABIN7552979  
**CCDC78 Protein (AA 1-438) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CCDC78
Protein Characteristics:	AA 1-438
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC78 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant CCDC78 Protein expressed in mammalian cells.
Sequence:	MEHAATTGPR PGPPSRRVEN VVLRKDWLP GAPGGTAVWA TSLEAEVPPD LALNKEQQLO ISKELVDIQI TTHHLHEQHE AEIFQLKSEI LRLESRVLEL ELRGDGTSSQ CAVPVESDPR HPRAAAQELR HKAQVPGHSD DHRFQVQPKN TMNPENEQHR LGSGLQGEVK WALEHQEARQ QALVTRVATL GRQLQGAREE ARAAGQRLAT QAVVLCSCQG QLRQAEAENA RLQLQLKKLK DEYVLRQLHC AWQAVEHADG AGQAPATTAL RTFLEATLED IRAAHSREQ QLARAARSYH KRLVDLSRRH EELLVAYRAP GNPQAIFDIA SLDLEPLPVP LVTDFSHRED QHGGPGALLS SPKKRPGGAS QGGTSEPQGL DAASWAQIHQ KLRDFSRSTQ SWNGSGHSCW SGPRWLKSNF LSYRSTWTST WAGTSTKS <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>
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.

## Product Details

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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:

CCDC78

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### Alternative Name:

CCDC78 ([CCDC78 Products](#))

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### Background:

Coiled-coil domain-containing protein 78 (hsCCDC78),FUNCTION: Component of the deuterosome, a structure that promotes de novo centriole amplification in multiciliated cells that can generate more than 100 centrioles. Deuterosome-mediated centriole amplification occurs in terminally differentiated multiciliated cells (G1/0) and not in S phase. Essential for centriole amplification and is required for CEP152 localization to the deuterosome. {ECO:0000269|PubMed:24075808}.

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### Molecular Weight:

48.5 kDa

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### UniProt:

[A2IDD5](#)

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### Pathways:

[Skeletal Muscle Fiber Development](#)

## 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

## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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