

Datasheet for ABIN7553178  
**CCDC11 Protein (AA 1-514) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CCDC11
Protein Characteristics:	AA 1-514
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC11 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant CFAP53 Protein expressed in mammalian cells.
Sequence:	<p> MYSQRFGTVQ REVKGPTPKV VIVRSKPPKG QGAEHHLERI RRS HQKHNAI LASIKSSERD  RLKAEWDQHN DCKILDSLVR ARIKDAVQGF IINIEERRNK LRELLALEEN EYFTEMQLKK  ETIEEEKDRM REKTKLLKEK NEKERQDFVA EKLDQQFRER CEELRVLLS IHQKKVCEER  KAQIAFNEEL SRQKLVEEQM FSKLWEEDRL AKEKREAQEA RRQKELMENT RLGLNAQITS  IKAQRQATQL LKEEEARLVE SNNAQIKHEN EQDMLKKQKA KQETRILQK ALQERIEHIQ  QEYRDEQDLN MKLVQRALQD LQEEADKKKQ KREDMIREQK IYHKYLAQR EEEKAQEKEF  DRILEEDKAK KLAEKDKELR LEKEARRQLV DEVMCTRKLQ VQEKLRQREK EQEERAMEQK  HINESLKELN CEEKENFARR QRLAQEYRKQ LQMQUIAYQQQ SQEAEKEEKR REFEAGVAAN  KMCLDKVQEV LSTHQVLPQN IHPMRKACPS KLPP </p> <p><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

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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	CCDC11
Alternative Name:	CFAP53 ( <a href="#">CCDC11 Products</a> )
Background:	Cilia- and flagella-associated protein 53 (Coiled-coil domain-containing protein 11),FUNCTION: Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed:36191189). May play a role in the beating of primary cilia and thereby be involved in the establishment of organ laterality during embryogenesis (PubMed:26531781). {ECO:0000250 UniProtKB:F1N7G5, ECO:0000269 PubMed:26531781, ECO:0000269 PubMed:36191189}.
Molecular Weight:	61.8 kDa
UniProt:	<a href="#">Q96M91</a>

## 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