

Datasheet for ABIN7552978  
**CCDC53 Protein (AA 1-194) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	CCDC53
Protein Characteristics:	AA 1-194
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC53 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant WASHC3 Protein expressed in mammalian cells.
Sequence:	MD EDGLPLMG SGIDLT KVPA IQQKRTVAFL NQFVVHTVQF LNR FSTVCEE KLADLSLRIQ QIETTLNILD AKLSSIPGLD DVTVEVSPLN VTSVTNGAHP EATSEQPQON STQDSGLQES EVSAENILTV AKDPRYARYL KMVQVGV PVM AIRNKMISEG LDPDLLERPD APVPDGESEK TVESSDSES SFSD <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.
Characteristics:	Key Benefits: <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</li></ul>

## Product Details

---

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

---

Target:	CCDC53
---------	--------

---

Alternative Name:	WASHC3 ( <a href="#">CCDC53 Products</a> )
-------------------	--

---

Background:	WASH complex subunit 3 (Coiled-coil domain-containing protein 53),FUNCTION: Acts as a component of the WASH core complex that functions as a nucleation-promoting factor (NPF) at the surface of endosomes, where it recruits and activates the Arp2/3 complex to induce actin polymerization, playing a key role in the fission of tubules that serve as transport intermediates during endosome sorting. {ECO:0000269 PubMed:19922875, ECO:0000269 PubMed:20498093}.
-------------	--

---

Molecular Weight:	21.2 kDa
-------------------	----------

---

UniProt:	<a href="#">Q9Y3C0</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