

Datasheet for ABIN7547010  
**DCDC2 Protein (AA 1-476) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	DCDC2
Protein Characteristics:	AA 1-476
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCDC2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DCDC2 Protein expressed in mammalian cells.
Sequence:	<p>MSGSSARSSH LSQPVVKSVL VYRNGDPFYA GRRVVIHEKK VSSFEVFLKE VTGGVQAPFG AVRNIYTPRT GHIRKLDQI QSGGNYVAGG QEAFKKLNYL DIGEIKKRPM EVNTEVKPV IHSRINVSAR FRKPLQEPCT IFLIANGDLI NPASRLIPR KTLNQWDHVL QMVTEKITLR SGAVHRLYTL EGKLVESGAE LENGQFYVAV GRDKFKKLPY SELLFDKSTM RPPFGQKASS LPIVGSRKS KGSGNDRHSK STVGSSDNSS PQPLKRKGKK EDVNSEKLTk LKQNVKLNKS QETIPNSDEG IFKAGAERSE TRGAAEVQED EDTQVEVPVD QRP AEIVDEE EDGEKANKDA EQKEDFSGMN GDLEEEGGRE ATDAPEQVEE ILDHSEQQAR PARVNGGTDE ENGEELQQVN NELQLVLDKE RKSQGAGSGQ DEADVDPQRP PRPEVKITSP EENENNQQNK DYAAVA <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>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

---

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

---

### Target:

DCDC2

### Alternative Name:

DCDC2 ([DCDC2 Products](#))

### Background:

Doublecortin domain-containing protein 2 (Protein RU2S),FUNCTION: Protein that plays a role in the inhibition of canonical Wnt signaling pathway (PubMed:25557784). May be involved in neuronal migration during development of the cerebral neocortex (By similarity). Involved in the control of ciliogenesis and ciliary length (PubMed:25601850, PubMed:27319779).  
{ECO:0000250|UniProtKB:D3ZR10, ECO:0000269|PubMed:25557784, ECO:0000269|PubMed:25601850, ECO:0000269|PubMed:27319779}.

### Molecular Weight:

52.8 kDa

### UniProt:

[Q9UHG0](#)

## Application Details

---

### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

## Application Details

---

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

---