

Datasheet for ABIN7553615  
**DCAF5 Protein (AA 1-942) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	DCAF5
Protein Characteristics:	AA 1-942
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCAF5 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DCAF5 Protein expressed in mammalian cells.
Sequence:	MKRRAGLGGS MRSVVGFLSQ RGLHGDPLLT QDFQRRRLRG CRNLYKKDLL GHFGCVNAIE FSNNGGQWLVS SGGDDRRVLL WHMEQAIHSR VKPIQLKGEH HSNIFCLAFN SGNTKVFSGG NDEQVILHDV ESSETLDVFA HEDAVYGLSV SPVNDNIFAS SSDDGRVLIW DIRESPHGEP FCLANYPSAF HSVMFNPVEP RLLATANSKE GVGLWDIRKP QSLLRYGGN LSLQSAMSVR FNSNGTQLLA LRRRLPPVLY DIHSRLPVFQ FDNQGYFNCS TMKSCCFAGD RDQYILSGSD DFNLYMWRIP ADPEAGGIGR VVNGAFMVLK GHRSIVNQVR FNPHTYMICS SGVEKIIKIW SPYKQPGCTG DLDGRIEDDS RCLYTHEEYI SLVLNSGSGL SHDYANQSVQ EDPRMMAFFD SLVRREIEGW SSDSDSDLSE STILQLHAGV SERSGYTDSE SSASLPRSPPTVDESADNA FHLGPLRVTT TNTVASTPPT PTCEDAASRQ QRLSALRRYQ DKRLLALSNE SDSEENVCEV ELDSDLFPRP RSPPEDESS SSSSSSSSED EEELNERRAS TWQRNAMRRR QKTTREDKPS APIKPTNTYI GEDNYDYPQI KVDDLSSSPT SSPERSTSTL EIQPSRASPT SDIESVERKI YKAYKWLRYYS YISYSNNKDG ETSLVTGEAD EGRAGTSHKD NPAPSSSKEA CLNIAMAQRN

## Product Details

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QDLPEGCSK DTFKEETPRT PSNGPGHEHS SHAWAEVPEG TSQDTGNSGS VEHPFETKKL  
NGKALSSRAE EPPSPVPKA SGSTLNSGSG NCPRTQSDDS EERSLETICA NHNNGRLHPR  
PPHPHNGQN LGELEVWAYS SPGHSDTDRD NSSLTGTLH KDCCGSEMAC ETPNAGTRED  
PTDTPATDSS RAVHGHSLK RQRIELEDTD SENSSEKKL KT **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: DCAF5

Alternative Name: DCAF5 ([DCAF5 Products](#))

Background: DDB1- and CUL4-associated factor 5 (Breakpoint cluster region protein 2) (BCRP2) (WD repeat-containing protein 22),FUNCTION: Is a substrate receptor for the CUL4-DDB1 E3 ubiquitin-protein ligase complex (CRL4) (PubMed:29691401, PubMed:30442713). The complex CRL4-DCAF5 is involved in the ubiquitination of a set of methylated non-histone proteins, including

## Target Details

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SOX2, DNMT1 and E2F1 (PubMed:29691401, PubMed:30442713).  
{ECO:0000269|PubMed:16949367, ECO:0000269|PubMed:16964240,  
ECO:0000269|PubMed:29691401, ECO:0000269|PubMed:30442713}.

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Molecular Weight: 104.0 kDa

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UniProt: [Q96JK2](#)

## 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.

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Restrictions: For Research Use only

## 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