

Datasheet for ABIN7564226
DCAF5 Protein (AA 1-946) (His tag)



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Overview

Quantity:	1 mg
Target:	DCAF5
Protein Characteristics:	AA 1-946
Origin:	Mouse
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:	<p>MKRRAGLGGS MRSVVGFLSQ RGLHGDPLLT QDFQRRRLRG CRNLYKKDLL GHFGCVNAIE</p> <p>FSNNGGQWL V SGGDDRRVLL WHMEQAIHSR VKPIQLKGEH HSNIFCLAFN SGNTKVFSGG</p> <p>NDEQVILHDV ESSETLDVFA HEDAVYGLSV SPVNDNIFAS SSDDGRVLIW DIRESPHGEP</p> <p>FCLANYPSAF HSVMFNPVEP RLLATANSKE GVGLWDIRKP QSSLLRYGGN LSLQSAMSVR</p> <p>FNSNGTQLLA LRRRLPPVLY DIHSRLPVFQ FDNQGYFNSC TMKSCCFAGD RDQYILSGSD</p> <p>DFNLYMWKIP ADPEAGGIGR VVNGAFMVLK GHRIVNQVR FNPHTYMICS SGVEKIIKIW</p> <p>SPYKQPGCTG DLDGRIEDDS RCLYTHEEYI SLVLNSGSGL SHDYANQSVQ EDPRMMAFFD</p> <p>SLVRREIEGW SSDSDSDLSE STILQLHAGV SERSGYTDSE SSASLPRSPPTVDESADNA</p> <p>FHLGPLRVTT TNAVASTPAT PTCEADASSRQ QRLSALRRYQ DKRLLALSNE SDSEENVCEA</p> <p>ELDTDLFPRP RSPSPEDGSS SPSSSTSSSED EEELNQRRAT TRQRNAMRRR KKTARDERPT</p> <p>GPAKSTNTYI GEDNYDYPQI KVDDLSPSPD SSPERSASTL DVQPSRAPPA ANMESVERKI</p> <p>YKAYKWLRCYSISYSNNKDG ETSLMAEAD EGRAGTSHKD NPTPSSSKEA CLTATAQRDQ</p>

Product Details

DLPSEGCSSD ACKEGTSAGN PNSGAGHEHS SHPWAEVPEG TSQDTNNSGP LEHSFETKKL
NGKALSKALS SRAEPPASP GPKASGSTLN SASGNCPRQT SDDSEERSLD TVCANHNNGR
LHPRPLPHN NGQSSGELET VACSSPGHLD TDHDSPSLTG TFLHKDCCGS EMACETPSAG
MREDPPDPSG LDSSKVHVGQ SGLKRHRIEL EDTESNSSS EKKLKT **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

Target: DCAF5

Alternative Name: Dcaf5 ([DCAF5 Products](#))

Background: DDB1- and CUL4-associated factor 5 (WD repeat-containing protein 22),FUNCTION: Is a substrate receptor for the CUL4-DDB1 E3 ubiquitin-protein ligase complex (CRL4), involved in the ubiquitination of a set of methylated non-histone proteins, including SOX2 (PubMed:30442713). The complex CRL4-DCAF5 is also involved in the ubiquitination of

Target Details

	methylated DNMT1 and E2F1 (By similarity). {ECO:0000250 UniProtKB:Q96JK2, ECO:0000269 PubMed:30442713}.
Molecular Weight:	103.7 kDa
UniProt:	Q80T85

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