

Datasheet for ABIN7547031 DCAF7 Protein (AA 1-342) (His tag)



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Overview

Quantity:	1 mg
Target:	DCAF7
Protein Characteristics:	AA 1-342
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCAF7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DCAF7 Protein expressed in mammalian cells.
Sequence:	MSLHGKRKEI YKYEAPWTVY AMNWSVRPDK RFRLALGSFV EEYNNKVQLV GLDEESSEFI CRNTFDHPYP TTKLMWIPDT KGVYPDLLAT SGDYL RVWRV GETETRLECL LNNKNNSDFC APLTSFDWNE VDPYLLGTSS IDTTCTIWGL ETGQVLGRVN LVSGHVKTQL IAHDKEVYDI AFSRAGGGRD MFASVGADGS VRMFDLRHLE HSTIIYEDPQ HHPLRLCWN KQDPNYLATM AMDGMEVVIL DVRVPCTPVA RLNNHRACVN GIAWAPHSSC HICTAADDHQ ALIWDIQQMP RAIEDPILAY TAEGEINNVQ WASTQPDWIA ICYNNCLEIL RV 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:

Product Details

- 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:	DCAF7
Alternative Name:	DCAF7 (DCAF7 Products)
Background:	DDB1- and CUL4-associated factor 7 (WD repeat-containing protein 68) (WD repeat-containing protein An11 homolog),FUNCTION: Involved in craniofacial development. Acts upstream of the EDN1 pathway and is required for formation of the upper jaw equivalent, the palatoquadrate. The activity required for EDN1 pathway function differs between the first and second arches (By similarity). Associates with DIAPH1 and controls GLI1 transcriptional activity. Could be involved in normal and disease skin development. May function as a substrate receptor for CUL4-DDB1 E3 ubiquitin-protein ligase complex. {ECO:0000250, ECO:0000269 PubMed:16887337, ECO:0000269 PubMed:16949367}.
Molecular Weight:	38.9 kDa
UniProt:	P61962
Pathways:	SARS-CoV-2 Protein Interactome

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