Datasheet for ABIN7546978

DCUN1D1 Protein (AA 1-259) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	DCUN1D1
Protein Characteristics:	AA 1-259
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCUN1D1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DCUN1D1 Protein expressed in mammalian cells.
Sequence:	MNKLKSSQKD KVRQFMIFTQ SSEKTAVSCL SQNDWKLDVA TDNFFQNPEL YIRESVKGSL DRKKLEQLYN RYKDPQDENK IGIDGIQQFC DDLALDPASI SVLIIAWKFR AATQCEFSKQ EFMDGMTELG CDSIEKLKAQ IPKMEQELKE PGRFKDFYQF TFNFAKNPGQ KGLDLEMAIA YWNLVLNGRF KFLDLWNKFL LEHHKRSIPK DTWNLLLDFS TMIADDMSNY DEEGAWPVLI DDFVEFARPQ IAGTKSTTV **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.

Product Details

	• 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:	DCUN1D1
Alternative Name:	DCUN1D1 (DCUN1D1 Products)
Background:	DCN1-like protein 1 (DCNL1) (DCUN1 domain-containing protein 1) (Defective in cullin neddylation protein 1-like protein 1) (Squamous cell carcinoma-related oncogene),FUNCTION: Part of an E3 ubiquitin ligase complex for neddylation (PubMed:18826954). Promotes neddylation of cullin components of E3 cullin-RING ubiquitin ligase complexes (PubMed:26906416, PubMed:23201271, PubMed:19617556, PubMed:23401859). Acts by binding to cullin-RBX1 complexes in the cytoplasm and promoting their nuclear translocation, enhancing recruitment of E2-NEDD8 (UBE2M-NEDD8) thioester to the complex, and optimizing the orientation of proteins in the complex to allow efficient transfer of NEDD8 from the E2 to the cullin substrates. Involved in the release of inhibitory effets of CAND1 on cullin-RING ligase E3 complex assembly and activity (PubMed:25349211, PubMed:28581483). Acts also as an oncogene facilitating malignant transformation and carcinogenic progression (By similarity). {ECO:0000250|UniProtKB:Q9QZ73, ECO:0000269|PubMed:18826954, ECO:0000269|PubMed:19617556, ECO:0000269|PubMed:23201271, ECO:0000269|PubMed:23401859, ECO:0000269|PubMed:25349211, ECO:0000269|PubMed:26906416, ECO:0000269|PubMed:28581483}.

Target Details

Molecular Weight:	30.1 kDa
UniProt:	Q96GG9

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