

## Product datasheet for **AR09824PU-L**

### DCUN1D1 (1-259, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	DCUN1D1 (1-259, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MNKLGSSQKD KVRQFMIFTQ SSEKTAVSCL SQNDWKLDVA TDNFFQNPEL YIRESVKGSL DRKKLEQLYN RYKDPQDENK IGIDGIQQFC DDLALDPASI SVLIIAWKFR AATQCEFSKQ EFMDGMTELG CDSIEKLKAQ IPKMEQELKE PGRFKDFYQF TFNFAKNPGQ KGLDLEMAIA YWNLVLNGRF KFLDLWNKFL LEHHKRSIPK DTWNLLDFS TMIADDMSNY DEEGAWPVL I DDFVEFARPQ IAGTKSTTV
Tag:	His-tag
Predicted MW:	32.2 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DCUN1D1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001295030</u>
Locus ID:	54165
UniProt ID:	<u>Q96GG9, C9JVE2</u>
Cytogenetics:	3q26.33
Synonyms:	DCNL1; DCUN1L1; RP42; SCCRO; SCRO; Tes3



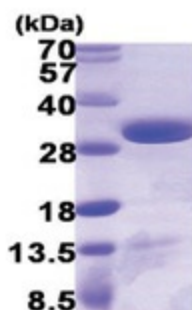
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**Summary:**

Part of an E3 ubiquitin ligase complex for neddylation. Promotes neddylation of cullin components of E3 cullin-RING ubiquitin ligase complexes. 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 effects 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). [UniProtKB/Swiss-Prot Function]

**Protein Families:**

Druggable Genome

**Product images:**

15% SDS-PAGE (3ug)