

## 32-7249: Recombinant Human DCN1-Like Protein 1/DCUN1D1 (N-6His)

**Gene :** DCUN1D1

**Gene ID :** 54165

**Uniprot ID :** Q96GG9

### Description

Source: E.coli.

MW :32.3kD.

Recombinant Human DCN1-Like Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Val259 is expressed with a 6His tag at the N-terminus. DCN1-Like Protein 1 is a protein containing 1 DCUN1 domain and 1 UBA-like domain. DCN1-Like Protein 1 contains part of an E3 Ubiquitin Ligase Complex for Neddylolation. It is required for Neddylolation of Cullin components of E3 Cullin-RING Ubiquitin Ligase complexes. It enhances the rate of Cullins Neddylolation. DCN1-Like Protein 1 recruits the NEDD8-charged E2 Enzyme to the Cullin component. DCUN1D1 is involved in the release of inhibitory effects of CAND1 on the Cullin-RING Ligase E3 complex assembly and activity. It acts also as an oncogene facilitating malignant transformation and carcinogenic progression.

### Product Info

**Amount :** 10 µg / 50 µg

**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMNKLKSSQKDKVRQFMIFTQSSEKTAVSCLSQNDWKLDVATDNF  
FQNPelyIRESVKGSLDRKKLEQLYNRYKDPQDENKIGIDGIQQFCDDLALDPASISVLIIAWKFRAA  
TQCEFSKQEFMDGMTELGCDSIEKLKAQIPKMEQELKEPGRFKDFYQFTFNFAKNPGQKGLDLEM  
AIAYWNLVLNGRFKFLDLWNKFLLEHHKRSIPKDTWNLLDFSTMIADDMSNYDEEGAWPVLIDDF  
VEFARPQIAGTKSTTV

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.