

Recombinant Human DCUN1D2, His-tagged

Cat. No. DCUN1D2-3620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DCUN1D2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	DCN1-like protein 2, also known as DCUN1D2, which contains one DCUN1 domain and 1 UBA-like domain, may play a role in the neddylation of cullins that regulate SCF-type ubiquitin ligase complexes. The gene encoding Dcun1D2 exists on human chromosome 13. Chromosome 13 houses key tumor suppressor genes, including BRCA2 and RB1, which are associated with breast cancer susceptibility and retinoblastoma, respectively.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT,30% glycerol, 0.1M NaCl
Molecular Weight	32.3kDa (279aa),confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MHKLKSSQKD KVRQFMACTQ AGERTAIYCL TQNEWRLDEA TDSFFQNPDS LHRESMRNAV DKKKLERLYGRYKDPQDENK

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IGVDGIQQFC DDLSLDPASI SVLVIAWKFR AATQCEFSRK EFLDGMTELG
 CDSMEKLLKAL LPRLEQELKD TAKFKDFYQF TFTFAKNPGQ KGLDLEMAVA
 YWKLVLSGRF KFLDLWNTFL MEHHKRSIPR DTWNLLDFG NMIADDMSNY
 DEEGAWPVL I DDFVEYARPVVTGGKRS LF

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

DCUN1D2 DCN1, defective in cullin neddylation 1, domain containing 2 (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

DCUN1D2

Synonyms

DCUN1D2; C13orf17; FLJ10704; FLJ20092; DCN1, defective in cullin neddylation 1, domain containing 2 (*S. cerevisiae*); DCN1-like protein 2; OTTHUMP00000018776; DCUN1 domain-containing protein 2; defective in cullin neddylation protein 1-like protein 2

Gene ID

55208

mRNA Refseq

NM_001014283

Protein Refseq

NP_001014305

UniProt ID

Q6PH85

**Chromosome
Location**

13q34

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