

Product datasheet for **SC334657**

DCUN1D4 (NM_001287757) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCUN1D4 (NM_001287757) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCUN1D4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001287757, the custom clone sequence may differ by one or more nucleotides

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ATGCCACCAAGGAAAAAGAGAAGACCTGCCTCTGGAGATGATTTATCTGCCAAGAAAAGTAGACATGATA
GCATGTATAGAAAATATGATTCGACTAGAATAAAGACTGAAGAAGAAGCCTTTTCAAGTAAAAGGTGCTT
GGAATGGTTCTATGAATATGCAGGAACTGATGATGTTGTAGGCCCTGAAGGCATGGAGAAAATTTGTGAA
GACATTGGTGTGAACCAGAAAACGTAGTTATGCTTGCCTAGCTTGGAAATTGGATGCACAAAACATGG
GTTATTTTACTCTACAGGAGTGGTTAAAAGGAATGACTTCTCTCCAATGTGATACAACAGAAAACTCAG
AAATACTTTGGATTACTTAAGATCATTCTAAATGATTCTACAACTTTAACTTATTTACAGATATGCC
TTTGACTTTGCACGGGAAAAGGACCAGCGCAGCCTAGACATAAACACTGCCAAGTGCATGTTGGGACTGT
TATTAGGAAAAATCTGGCCCTTTTCCAGTTTTTCACCAATTCTAGAGCAATCAAATACAAAGTTAT
TAATAAGACCAGTGGTCAATGCCTAGAGTTTAGCAGAACAATTAATCTTGACCTCAGCAACTATGAT
GAAGATGGAGCATGGCCAGTTTTGTTGGACGAGTTGTGGAGTGGTATAAAGACAAACAGATGTCCTAG
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001287757
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001287757.1](#), [NP_001274686.1](#)

RefSeq Size: 4551 bp

RefSeq ORF: 699 bp

Locus ID: 23142

UniProt ID: [Q92564](#)

Cytogenetics: 4q12

Gene Summary: Contributes to the neddylation of all cullins by transferring NEDD8 from N-terminally acetylated NEDD8-conjugating E2s enzyme to different cullin C-terminal domain-RBX complexes which are necessary for the activation of cullin-RING E3 ubiquitin ligases (CRLs). [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) has two alternate exons in place of the first exon compared to variant 3. The resulting isoform (4) is shorter at the N-terminus compared to isoform 3.