

Product datasheet for **SC107366**

DCUN1D4 (NM_015115) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCUN1D4 (NM_015115) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCUN1D4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107366 sequence for NM_015115 edited (data generated by NextGen Sequencing)

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ATGCACTCGGATGCCGCCGCTGTCAATTTTCAGCTGAACTCTCATCTCTCAACTGGCA
AATATTCATAAGATCTACCACACCCCTTAATAAGCTGAACCTAACAGAAGACATTGGCCAA
GACGATCACCAAACAGGAAGTCTGCGGTCTTGAGTTCTTCAGACTGCTTTAATAAAGTG
ATGCCACCAAGGAAAAAGAGAAGACCTGCCTCTGGAGATGATTTATCTGCCAAGAAAAGT
AGACATGATAGCATGTATAGAAAATATGATTCGACTAGAATAAAGACTGAAGAAGAAGCC
TTTTCAAGTAAAAGGTGCTTGGAAATGGTCTATGAATATGCAGGAACTGATGATGTTGTA
GGCCCTGAAGGCATGGAGAAAATTTGTGAAGACATTGGTGTGAACCAGAAAACGTAGTT
ATGCTTGTCTAGCTTGGAAATGGATGCACAAAACATGGGTTATTTACTCTACAGGAG
TGGTTAAAAGGAATGACTTCTCTCCAATGTGATACAACAGAAAACTCAGAAATACTTTG
GATTACTTAAGATCATTCTTAAATGATTCTACAAACTTTAAACTTATTTACAGATATGCG
TTTGACTTTGCACGGCAATCAAAATACAAAGTTATTAATAAAGACCAGTGGTGAATGTC
CTAGAGTTTAGCAGAACAATTAATCTTGACCTCAGCAACTATGATGAAGATGGAGCATGG
CCAGTTTTGTTGGACGAGTTTGTGGAGTGGTATAAAGACAACAGATGTCCTAG
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Clone variation with respect to NM_015115.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015115 unedited GTCGGAATTTGTATACGACTCATATAGGGCGGCCGCAATTCGCACGAGGGTCTCAGCT TCGAGCCGAGGTGCAGTGAGCTGGTGGGGGACCGCGAGGCGAGCGGGGAGCCTGGGCG GCGAGCCGGGTGTGAGCTGCCTGAAAATGCACTCGGATGCCGCCGCTGTCAATTTTCAGC TGAAGTCTCATCTCTCAACTGGCAAATATTCATAAGATCTACCACACCCTTAATAAGC TGAACCTAACAGAAGACATTGGCCAAGACGATCACCAAACAGGAAGTCTGCGGTCTTGCA GTTCTTCAGACTGCTTTAATAAAGTGATGCCACCAAGGAAAAAGAGAAGACCTGCCTCTG GAGATGATTTATCTGCCAAGAAAAGTAGACATGATAGCATGTATAGAAAATATGATTCGA CTAGAATAAAGACTGAAGAAGAAGCCTTTTCAAGTAAAAGGTGCTTGAATGGTTCTATG AATATGCAGGAAGTATGATGTTGTAGGCCCTGAAGGCATGGAGAAATTTGTGAAGACA TTGGTGTGAACCAAGAAAACGTAGTTATGCTTGCCTAGCTTGGAAATTGGATGCACAAA ACATGGGTATTTTACTCTACAGGAGTGGTTAAAAGGAATGACTTCTCTCAATGTGATA CAACAGAAAACTCAGAAATACTTTGGATTACTTAAGATCATTCTTAAATGATTCTACAA ACTTTAAACTTATTTACAGATNNATGCGTTTGACTTTGCACGGCATCAAATACAAAGTT ATTAATAAAGACCAGTGGNTGCATGTCTNNCTAGAGTTAGCAGAACAATTAATCTTGACCT CAGCACTATGATGAAATGGAGCATGGCCAGTTTGTGGACGAGTTGGGGGAGTGA
Restriction Sites:	ECoRI-NOT
ACCN:	NM_015115
Insert Size:	5000 bp
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).
Reconstitution Method:	<ol style="list-style-type: none"> 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:	<u>NM_015115.1</u> , <u>NP_055930.1</u>
RefSeq Size:	4146 bp
RefSeq ORF:	594 bp
Locus ID:	23142
UniProt ID:	<u>Q92564</u>
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 (2) has an alternate exon in place of the first exon and lacks an alternate in-frame exon in the 3' coding sequence compared to variant 3. The resulting isoform (2) has a shorter and distinct N-terminus and lacks an alternate internal segment compared to isoform 3.