

## Product datasheet for **SC105502**

### DCUN1D5 (NM\_032299) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DCUN1D5 (NM_032299) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCUN1D5
Synonyms:	SCCRO5
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC105502 sequence for NM_032299 edited (data generated by NextGen Sequencing)

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ATGCCGGTGAAGAAGAAGAGAAAATCCCCTGGGGTGGCAGCAGCAGTAGCGGAAGACGGA
GGCCTCAAAAAGTGAAAATCTCCAGCTATTGCAGATCCCAACCCCTGCTAGACTAATA
AGTGGAGAGGAACATTTTTCAAGCAAGAAGTGCCTGGCTTGGTTTTATGAATATGCAGGT
CCTGATGAAGTTGTAGGGCCAGAAGGAATGGAAAAATTTGTGAAGACATTGGTGTGAA
CCTGAAAATATTATTATGTTAGTTTTAGCGTGGAAATTGGAGGCTGAAAGCATGGGATTT
TTACCAAGGAAGAATGGTTAAAGGGAATGACTTCATTACAGTGTGACTGCACAGAAAAG
TTACAAAACAAAATTTGACTTTTTGCGCTCACAGTTGAATGATATTTGTCATTTAAGAAT
ATCTACAGATATGCCTTTGATTTTGAAGGATAAAGATCAGAGAAGCCTTGATATTGAT
ACTGCTAAATCTATGTTAGCTCTTCTGCTTGGGAGGACATGGCCACTGTTTTTCAGTATTT
TACCAGTACCTGGAGCAATCAAAGTATCGTGTTATGAACAAAGATCAATGGTACAATGTA
TTAGAATTCAGCAGAACAGTCCATGCTGATCTTAGTAATGATGAAGATGGTGGCTTGG
CCTGTTCTTTGATGAATTTGTTGAGTGGCAAAAAGTCCGTCAGACATCATAG
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Clone variation with respect to NM\_032299.3



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_032299 unedited</p> <pre> GTTTTGTATACGATACTATAGGCCGGCCGGAATTCGGCACGAGGGCTGTGACTGGTGGAG CTGCCGCGCTGTCCGCGTTATCTCCTCCCGGTGAGAACGAACCGCAGTGTCCACCGGCGA GGAGCCAGCCCTGTCCCGGTGAGAGAAAGACGACGAGGATACCTGGGAGCGGGCGGGCGGC CGGGCTGGGCCGCGCCGGTGCGGGCTGGCGACTGTCTCCTCCGTTGCTGTCTCTG GAACTGGGTGCCAGCGCTGAGGGGCTCCAGCGGACAGGGACCCCTTCCCGGCTCCC CTGCCCCACCTGCCGGGGAGGGCGGAAGATGCCGGTGAAGAAGAAGAGAAAATCCCCTGG GGTGGCAGCAGCAGTAGCGGAAGACGGAGGCCTAAAAAGTGAAAATCTCCAGCTATTG CAGATCCCAACCCCTGTAGACTAATAAGTGGAGAGGAACATTTTTCAAGCAAGAAGTG CCTGGCTTGGTTTTATGAATATGCAGGTCTGATGAAGTTGTAGGGCCAGAAGGAATGGA AAAATTTGTGAAGACATTGGTGTGAACCTGAAAATATTATTATGTTAGTTTTAGCGTG GAAATTGGAGGCTGAAAGCATGGGATTTTTACCAAGGAAGAATGGTTAAAGGGAATGAC TTCATTACAGTGTGACTGCACANAAAAGTTACAAAACAAATTTGACTTTTTGCGCTCACA GTTGAATGATATTTGTCATTTAAGAATATCTACAGATATGCCTTTGATTNTGCAGGGGA TAAGATCAGAGAAGCCTTGATATTGATACTGCTAAATCTATGTTAGCTCTTCTGCTTTGG GAGACATGGCCACTGTTTTAGTATTNTACCAGTACCTGGNAGCATCAAGTATCGTGTTA TGAACAAAGATCATGGGGTACATGTATTAGAATCAGCAGACAGTCCATGTCTGATCTTAGT ACTATGATGAGA </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_032299 unedited</p> <pre> TGGACCGCGGCACGCATTCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTATTAATAATGCCCT CAATTTATTTGATGCCTTAGACATTTAAACATTAAGCTGTAAGAGCCTTGAAGGCCAGA ACAAAGTTTTATCAGAGATGAATTATCACAATAGTTTTAAGTACACTTCTTTAAGAGGGC AGAAGAACAACACCTGGCATTCTACCAATTACACCTCAAACATGAAATATTTCAATA AATCCTTTCATAATTTACATTAGCAAGTAGGCAGACAGGACATGTTTTGTTGAAGAAAT ACTTCAAAGTGAATGTTTCATTTTATACGTATGTATCATGTATTCTGAATCTGTGCTAT TCCACATACCTTGATGCCTTGAACCTCTGGAGTTATCTCAGAAATTTACTCCCACCCCG ACCCCGAGTGATGGCATTCAATATTAAGATATAATTTTTGGTTTGCTAGATGAAAAGGCA TTTGTATTTAAGAGAAATACTCCTCAATCTAACATTCCAAAGAAGGCTTCAAATTCGAG CTCAAGAAACACTAATCTAGAGTGCTTCTGAGTAAAAACCAATAAAATCTATACATTATA CACAAAAATGCTACTACTGGCAAAAATGATTATATCAATAATTTTATCACCAGTTTTT AAGAACTAAGAAATCCTTACACACTAGAAGACAAACCTGGTAATGCAGCCAGGGCCAGAC CACAATCCCCCGTTTTATTACACACCTGTACCTGAATCCCTTGCCATTTCCCTAAAG GTTTTACCTCCTTACCTTATTAATAAATATGGCCCAAGGACCGGGGGGGTGGGGGGT TGCATTTTGCCAAATCAAATTTGGGCCTTACTTCTCCCCAGAGGAATACCTTCGGTAAAT CTCCTAAAAACAACCCACCCCTGGTTAAAGCCCTTAGGGTTTCTTCCGGGGCAGGGGAG GCCTCCGACATCTCCACGGGGCCGGGAGGCCCTAACCCCTCCAAAAGGA </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_032299
<b>Insert Size:</b>	4420 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_032299.2</a> , <a href="#">NP_115675.1</a>
<b>RefSeq Size:</b>	1277 bp
<b>RefSeq ORF:</b>	714 bp
<b>Locus ID:</b>	84259
<b>UniProt ID:</b>	<a href="#">Q9BTE7</a>
<b>Cytogenetics:</b>	11q22.3
<b>Domains:</b>	DUF298
<b>Gene Summary:</b>	<p>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 is necessary for the activation of cullin-RING E3 ubiquitin ligases (CRLs) (PubMed:26906416, PubMed:23201271, PubMed:19617556). May play a role in DNA damage response and may participate to cell proliferation and anchorage-independent cell growth (PubMed:23098533, PubMed:24192928).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>