

Product datasheet for SC324031

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_015115.2 <pre> TGCCCGGCGGGGTCCTCAGCTTCGAGCCGAGGTGCAGTGAGCTGGTGGGGGACCGCG AGGCGAGCGCGGAGCCTGGGCGGCGAGCCGGGTGTGAGCTGCCTGAAAATGCACTCGGA TGCCGCCGCTGTCAATTTTCAGCTGAACCTCATCTCTCAACACTGGCAAATATTCATAA GATCTACCACACCTTAATAAGCTGAACCTAACAGAAGACATTGGCCAAGACGATCACCA AACAGGAAGTCTGCGGTCTTGAGTTCTTCAGACTGCTTTAATAAAGTGATGCCACCAAG GAAAAAGAGAAGACCTGCCTCTGGAGATGATTTATCTGCCAAGAAAAGTAGACATGATAG CATGTATAGAAAATATGATTCGACTAGAATAAAGACTGAAGAAGAAGCCTTTTCAAGTAA AAGGTGCTTGGATGGTCTATGAATATGCAGGAAGTATGATGTTGTAGGCCCTGAAGG CATGGAGAAATTTGTGAAGACATTGGTGTGAACAGAAAACGTAGTTATGCTTGTCTT AGCTTGGAAATTGGATGCACAAAACATGGGTTATTTTACTCTACAGGAGTGGTAAAAAGG AATGACTTCTCTCCAATGTGATACAAACAGAAAACTCAGAAATACTTTGGATTACTTAAG ATCATTCTTAATGATTCTACAACTTTAACTTATTTACAGATATGCGTTTGACTTTGC ACGGCAATCAAAATACAAAGTTATTAATAAAGACCAGTGGTGCAATGTCCTAGAGTTTAG CAGAACAATTAATCTTGACCTCAGCAACTATGATGAAGATGGAGCATGGCCAGTTTTGTT GGACGAGTTTGTGGAGTGGTATAAAGACAAACAGATGTCCTAGGACTTTATGCATAGCAG CGAGAGAGTCACTGTTACCACAGTTTTGTCACCCATTAGCCATAAATTGCTGTTTGTATC AAAGCGCATGCTGCTTCTTGCAGTGTTCCTTTTCGAGGGACATGTTGGTGTGTTGCT ATTGAATTGGCCAGCTCTGCTTGTGTGTGGCATTGTTCTTGGAAAGGCTGCTTTGCAG TTTGATTTTACACTACAGATTGGTGAATTTGCCAACGTCCTCACTGTGATTATGTGTATA TTGCTGTTTAAATTTTGTATATGTGTATAAAAGGAAAAAGGTTACCTTAGAGATTATTC TGAAAAATGATTGTAAAAATAATTTTGTGGCATTCTAGTCCCTTTTTTGAATGAACC AATTATACTTTATTTGGTCTCCTATGTAGCATTTCAGAAAACAAGAGAAAAGTGTACCA TGAACAAACATTGCCAGAATTAACCTTACTGTTTAAGAGGCCAACTTCTGGAAGGAGGTA GGAGTCATAACTTTTTAGAGGCATATGCCAAATATCATTTGGTATACTTAACAATATTAG TGTTTTAAATGATGAGTTATAATTTTGAACATATAGATATGTAACATGCCACAAATC ATTTCTACCATGCAAGGTGTATAAGTTGTTTATTTTTTGTGTTAAAACTATAATAGCTT GAATATAGGTACCAATGAACAAATTCAAATTGCACCTCTTTTCTTAAAGAATGGGATTT AAACTCTATAAACATTCTTAACTTTTTTGTGTTGTTGTTCTCTTTTTTCTTTTGCAT</pre>


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AAAAA

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Restriction Sites:

ECorI-NOT

ACCN:

NM_015115

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	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_015115.2, NP_055930.2</u>
RefSeq Size:	4173 bp
RefSeq ORF:	774 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.