

Product datasheet for **SC306823**

DCUN1D3 (NM_173475) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DCUN1D3 (NM_173475) Human Untagged Clone
Tag:	Tag Free
Symbol:	DCUN1D3
Synonyms:	44M2.4; SCCRO3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306823 representing NM_173475. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGGCCAGTGTGTACCAAGTGAAGAATCCCTCATCGACCCTGGGCAGCAAAATGGAGACCGTGAG
 CCCAGCAACAAGTCACATAGCAGGAGGGGTGCAGGCCACCGTGAGGAGCAGGTACCACCCTGTGGCAAG
 CCAGGTGGAGATATCTCGTCAACGGGACCAAGAAGGCCGAGGCTGCCACTGAGGCCTGCCAGCTGCCA
 ACGTCTCGGGAGATGCTGGGAGGGAGTCCAAGTCCAATGCCGAGGAGTCTTCTTGCAAAGATTGGAA
 GAACTGTTCAAGCGCTACAAGGATGAGCGGAAGATGCAATTTTGGAGGAAGGCATGGAGCGCTTTTGC
 AATGACCTGTGTGTTGACCCACAGAATTCGAGTGCTGCTCTTGCTTGAAGTCCAGGCTGCAACC
 ATGTGCAAATTCACCAGGAAGGAGTTTTTGTATGGCTGCAAAGCAATAAGTGCAGACAGCATTGACGGA
 ATCTGTGCACGGTTCCTTAGCCTCTTAACAGAAGCCAAACAAGAGGATAAATTCAGGATCTCTACCGG
 TTTACATTTCAAGTTTGGCCTGGACTCTGAAGAAGGGCAGCGGTCACTGCATCGGGAAATAGCCATTGCC
 CTGTGGAACTAGTCTTTACCCAGAACAATCCTCCGGTATTGGACCAATGGCTAACTTCCTAACAGAG
 AACCCCTCGGGGATCAAGGGCATCTCCCGGACACTTGAACATGTTCTTAACCTCACTCAGGTGATT
 GGCCCTGACCTCAGCAACTACAGTGAAGATGAGGCCTGGCCAAGTCTCTTTGACACCTTTGTGGAGTGG
 GAAATGGAGCGAAGGAAAAGAGAAGGGGAAGGGAGAGGTGCACTCAGCTCAGGCCTGAGGGCTTGTGT
 CCCGAGGAGCAGACT**AG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_173475
Insert Size:	915 bp


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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_173475.3</u>
RefSeq Size:	6153 bp
RefSeq ORF:	915 bp
Locus ID:	123879
UniProt ID:	<u>Q8IWE4</u>
Cytogenetics:	16p12.3
MW:	34.3 kDa
Gene Summary:	Antagonizes DCUN1D1-mediated CUL1 neddylation by sequestering CUL1 at the cell membrane (PubMed:25349211). When overexpressed in transformed cells, may promote mesenchymal to epithelial-like changes and inhibit colony formation in soft agar (PubMed:25349211).[UniProtKB/Swiss-Prot Function]