

Product datasheet for **SC310728**

DCUNID4 (NM_001040402) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	DCUNID4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310728 representing NM_001040402. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCACTCGGATGCCGCCGCTGTCAATTTTCAGCTGAAGTCTCATCTCTCAACACTGGCAAAATATTCAT
AAGATCTACCAACCCCTTAATAAGCTGAACCTAACAGAAGACATTGGCCAAGACGATCACCACAGGA
AGTCTGCGGTCTTGCACTGCTTTAATAAAGTGATGCCACCAAGGAAAAAGAGAAGACCT
GCCTCTGGAGATGATTTATCTGCCAAGAAAAGTAGACATGATAGCATGTATAGAAAATATGATTCGACT
AGAATAAAGACTGAAGAAGAAGCCTTTTCAAGTAAAAGGTGCTTGAATGGTTCTATGAATATGCAGGA
ACTGATGATGTTGTAGGCCCTGAAGGCATGGAGAAATTTGTGAAGACATTGGTGTGAACCAAGAAAC
GTAGTTATGCTTGTCTAGCTTGGAAATTTGGATGCACAAAACATGGGTTATTTTACTCTACAGGAGTGG
TTAAAAGGAATGACTTCTCTCAATGTGATACAACAGAAAACTCAGAAATACTTTGGATTACTTAAGA
TCATTCTTAAATGATTCTACAACTTTAACTTATTTACAGATATGCGTTTGACTTTGCACGGGAAAAAG
GACCAGCGCAGCTAGACATAAAGCTGCAAGTGCATGTTGGGACTGTTATTAGGAAAAATCTGGCCC
CTTTTCCAGTTTTTACCAATCTTAGAGCAATCAAAATACAAAGTTATTAATAAAGACCAAGTGGTGC
AATGTCCTAGAGTTTAGCAGAACATTAATCTTGACCTCAGCAACTATGATGAAGATGGAGCATGGCCA
GTTTTGTTGGACGAGTTTGTGGAGTGGTATAAAGACAAACAGATGTCCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

```

Restriction Sites:	SgfI-MluI
ACCN:	NM_001040402
Insert Size:	879 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001040402.2
RefSeq Size:	4388 bp
RefSeq ORF:	879 bp
Locus ID:	23142
UniProt ID:	Q92564
Cytogenetics:	4q12
MW:	34.1 kDa
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 (1) has an alternate exon in place of the first exon compared to variant 3. The resulting isoform (1) has a shorter and distinct N-terminus compared to isoform 3.