

Product datasheet for MC203127

Dcun1d5 (NM_029775) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dcun1d5 (NM_029775) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dcun1d5
Synonyms: 3110001A18Rik; 4833420K19Rik; AW060460; D430047L21Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC020089

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TAGGTGCCGCGCTGTGCGGCTTCGCTGCTCCTGAAAAAGCCCGAGCCGCGACACCGCCGGCCTTAGCGCT
GCGCTGCCCGGAACCGCCCTAAAGAGGAGACCCGGGGCGGGTTCGCGCCTCGGGCTCCGCTGCGGTCC
CTGGCAGGCGGGAGCCGCGCTGCGGGGCTGCGGCGGAGCGCGATACCTTCCCGGCCGCCCTGTCTA
CCTTGCCGGGGAAGGCGGAAGATGCCAGTGAAGAAGAAGAAAAAGCTCCCGGAGTGGCAGCGGGGTCG
CGGAAGACGCGGGCCTCAAAAAGTGAAAATCCCCAGCTATTGCAGATCCCAGCCTCCTGCTAGACTCAT
CAGTGGAGAGGAAGATTTTTCAAGAAAGAAGTGCCTGGCTTGGTTTTATGAGTATGCAGTCTGATGAA
GTTGTAGGGCCAGAAGGAATGGAAAAATTTTGTGAAGACATTGGTGTGAACCTGAAAACATTATTATGT
TAGTTTTAGCATGGAATTTGGAGGCTGAAAGCATGGGATTTTTTACCAAGGAAGAATGGTTAAAGGGAAT
GACCTCATTACAGTGTGACTGCACAGAAAAGTTACAGAGCAGTTTGATTTTCTGCGCTCTCAGCTGAAT
GACATCTCATCTTTAAGAATATCTACAGATATGCCTTTGATTTTGAAGGATAAAGATCAGAGAAGCC
TTGATATTGATACTGCGAAGTCTATGTTAGCTCTGCTGCTGGGAGAACATGGCCACTCTTTTCAGTATT
TTACCAGTACCTGGAGCAATCAAAGTATCGTGTTATGAACAAAGATCAGTGGTACAATGTATTAGAATTC
AGCAGAACAGTTCATGCCGATCTTAGTAACTACGATGAAGACGGTGTGGCCTGTTCTTCTTGTATGAAT
TTGTTGAGTGGCAAAAAATCCGTCAAACATCATAGCAAGAAGTGTGCGTGAAGACAATGCAACCTTGTGA
AGACAATGCAGAGAGGAGGCAGAGTACAGAAAGGGTGCATTTTCACTCACGAAAGACTTCTCATAGTACT
TCTTTTCTTTTTTTTTAAAGGAAGTTTTCTTGTACATGTGATGGGCATTGAGCCACATGTCTTCTGAG
ACTGAATATTGACATTTTTGTTTCAAGTTATGTTTTAACATTTATTTTCAGAACAATAAAGATTGAGATT
TGTGCCAAAGGCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI
ACCN: NM_029775
Insert Size: 714 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).
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:	BC020089 , AAH20089
RefSeq Size:	1233 bp
RefSeq ORF:	714 bp
Locus ID:	76863
UniProt ID:	Q9CXV9
Cytogenetics:	9 A1
Gene Summary:	<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). May play a role in DNA damage response and may participate to cell proliferation and anchorage-independent cell growth.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an alternate exon in the 3' coding sequence compared to variant 1, that causes a frameshift. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1.</p>