

## Product datasheet for MC212062

### Dcun1d4 (NM\_001190733) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dcun1d4 (NM\_001190733) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dcun1d4  
**Synonyms:** AI836376  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212062 representing NM\_001190733  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGGATCGCC

ATGCACTCGGATGCTGCAGCTGTCAACTTTCAGCTGAACTCTCATCTCTCAACTGGCAAGCATTTCATA  
 AGATCTACCATAACCTTAACAAGCTGAATCTGACAGAAGACGTTGGCCAAGACGATCACCAAACAGGAAG  
 CCTGCGCTCTTGCAGTCTTCGGACTGCTTTAGCAAAGTGATGCCACCCAGGAAAAAGAGAAGACCTGCC  
 TCTGGAGACGACTTATCTGCAAAAAAAGCAGGCATGACAGCATGTATAGGAAATACGAGTCAACTAGAA  
 TAAAGACTGAAGAAGAGGCTTCTCCAGTAAGCGGTGCCTGGAGTGGTTTTATGAATATGCAGGAACTGA  
 GGATGCCGTAGGTCCCGAAGGCATGGAGAAGTCTGTGAAGACATTGGTGTGAACCAGAAAACGTAGTT  
 ATGCTTGTCTAGCTTGGAAATGGATGCACAAAACATGGGCTATTTACTCTACAGGAGTGGCTGAAAG  
 GAATGACTTCCCTACAATGTGATACAACAGAAAACCTCAGAACTACTTTGGATTACTTAAGATCATTATT  
 AAACGATACAACAACTTTAAGCTCATTTACAGATACGCGTTTGACTTTGCACGGCAATCAAAAACAAA  
 GTGATAAACAAGACCAGTGGTCAATGTTCTGGAGTTCAGCAGAACGATTAGTCTCGACCTCAGCAACT  
 ACGATGAAGACGGAGCATGGCCAGTTTTGTTGGACGAATTTGTGGAATGGTATAAAGACAAGCAGATGTC  
 CTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001190733  
**Insert Size:** 774 bp



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<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>	<u>NM_001190733.1, NP_001177662.1</u>
<b>RefSeq Size:</b>	4038 bp
<b>RefSeq ORF:</b>	774 bp
<b>Locus ID:</b>	100737
<b>UniProt ID:</b>	<u>Q8CCA0</u>
<b>Cytogenetics:</b>	5 C3.3
<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 are necessary for the activation of cullin-RING E3 ubiquitin ligases (CRLs). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (C) differs in the 5' UTR, lacks a portion of the 5' coding region and an in-frame exon in the 3' coding region, and initiates translation at an alternate start codon, compared to variant A. The encoded isoform (C) has a distinct N-terminus and is shorter than isoform A.</p>