

Product datasheet for **MC212080**

Dcun1d2 (NM_001042651) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dcun1d2 (NM_001042651) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dcun1d2
Synonyms:	AW495713; mFLJ10704
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212080 representing NM_001042651 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCATAAACTTAAATCAGCTCAGAAGGACAAGGTCCGCCAGTTCATGGCATGCACTCAGGCTAGCGAGA
GGACTGCCATCTACTGCTTGACACAGAATGAGTGGAACTAGATGAGCCACAGACAGTTTCTTCCAAAA
CCCCGAGGCGTTTCACCGAGAGTCTATGAAGAGCAGTGTGGACCAGAAGAAGCTGGAGCAACTGTACAGC
AGGTACAAAGACCACAGGACGAAAACAAAATTGGAATCGATGGGATTCAGCAGTTCTGTGATGACCTGA
GTCTGGACCCCGCCAGTATCAGCGTTTTGGTCATAGCGTGGAAAGTTCAGGGCCGCCACTCAATGTGAATT
TAGCAAAAAGGAATTTGTGGATGGCATGACGGAGCTGGGGTGTGATAGCACCGAGAGGCTGAAAGCTCTT
CTCCCCAGACTGGAGCAAGAGCTTAAGGACCCAGCCAAGTTCAAGGACCTTTACCAAGTTTACCTTACCT
TCGCTAAGAACCCTGGGCAGAAGGGCTTAGATTTAGAAATGGCTGTTGCATATTGGAAGTTAGTATTGTC
TGAAGGTTTAAGTTTTAGATCTTTGGAACACATTTCTGCTGGAGCATGGCCTGCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001042651
Insert Size:	624 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).



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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:	<u>NM_001042651.1, NP_001036116.1</u>
RefSeq Size:	2962 bp
RefSeq ORF:	624 bp
Locus ID:	102323
UniProt ID:	<u>Q8BZJ7</u>
Cytogenetics:	8 A1.1
Gene Summary:	<p>Potently stimulates the neddylation of cullin components of SCF-type E3 ubiquitin ligase complexes from the NEDD8-conjugating E2 enzyme UBC12. Neddylation of cullins play an essential role in the regulation of SCF-type complexes activity (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon in the 3' coding region compared to variant 1. The resulting protein (isoform b) is shorter and has a distinct C-terminus compared to isoform a.</p>