

Product datasheet for **MR204264**

Dcun1d3 (NM_001163703) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Dcun1d3
Synonyms:	1700020A13Rik; BC030335
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR204264 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGCCAGTGTGTACCAAGTGAAGAATCCTTCATCAACCTTGGGCAGCAAGAATGGAGACCGGGACC
CCAGCAACAAGTCACACAGCAGGCGGGGGCTAGCCACCGTGAGGAACAGGTGCCACCTTGTGGCAAACC
AGCTGGGGATATTCTTGCAATGGGACCAAGAAAGCAGAGGCTGCCACTGAGGCCTGCCAGCTGCCAACT
TCTTCTGGAGATGCTGGGAGGGAGTCCAAGACCAATGCTGAGGAGTCTTCTTTCAGAGGTTGGAAGAAC
TATTCAGGCGCTACAAGGATGAGCGGGAGGATGCAATTTTGGAGGAAGGCATGGAGCGCTTTTGCAATGA
CCTATGTGTTGATCCTACAGAATTCGAGTGCTGCTCTTGGCTGGAAGTCCAGGCTGCTACCATGTGC
AAATTCACCAGGAAGGAGTTTTTGTGCTGTAAGCAATAAGTCAGACAGCATTGATGGGATCTGTG
CACGGTTCCTAGCCTCTTAACAGAAGCCAAACAAGAATAAATTCAGGATCTCTACCGGTTTACATT
TCAGTTTGGCTGGACTCTGAAGAAGGGCAGCGGTCACTGCATCGTGAAATAGCCATTGCCCTATGGA
CTAGTATTTACACAGAACAATCCTCCAGTATTGGACCAAGTGGCTAAATTTCTAACAGAGAACCCTTCGG
GAATCAAGGGCATCTCCCGGGACACTTGAACATGTTTCTTAACCTCACTCAGGTGATTGGCCCCGACCT
CAGCAACTACAGTGAAGATGAGGCTGGCCGAGTCTTTTGATACCTTTGTGGAGTGGGAAATGGAGAGA
AGGAAAAGAGAAGTGGAAGGGAGAGGTACACTCAGCTCAGGGCAAGAGGGCTTGTGTCCAGAAGAGCAGA
CT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:

>MR204264 protein sequence
Red=Cloning site Green=Tags(s)

MGQCVTKCKNPSSLTSGSKNGDRDPSNKSRRGASHREEQVPPCGKPGADILVNGTKKAEATEACQLPT
SSGDAGRESKTNAAESSLQRL EELFRRYKDEREDAILEEGMERFCNDLCVDPTEFRVLLAWKFQAATMC
KFTTRKEFFDGCKAISAADSDIGICARFPSLLTEAKQEDKFKDLRYRFTQFGLDSEEGQRSLHRETAIALWK
LVFTQNNPPVLQDWLNLFTENPSGIKISRDTWNMFLNFTQVIGPDLNYSSEDAWPSLDFTFVWEMER
RKREVEGRGSLSSGOEGLCPPEOT

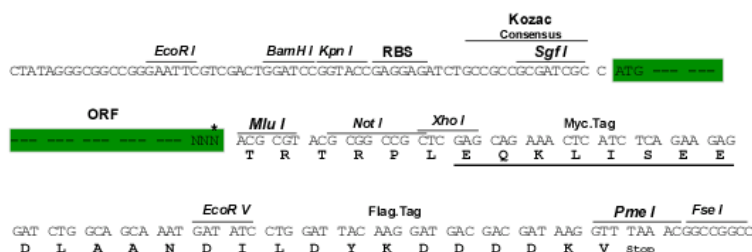
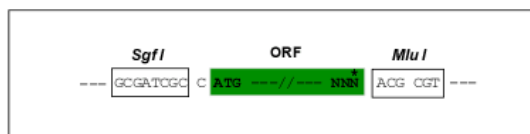
TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN:

NM_001163703

ORF Size:

912 bp

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:

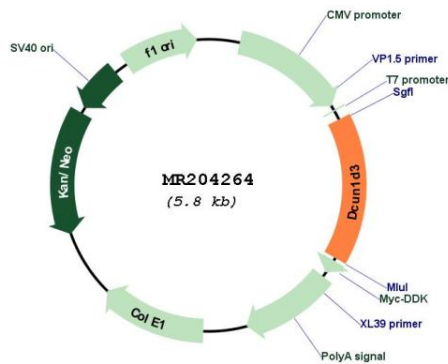
This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001163703.1 , NP_001157175.1
RefSeq Size:	5618 bp
RefSeq ORF:	915 bp
Locus ID:	233805
UniProt ID:	Q8K0V2
Cytogenetics:	7 F2
MW:	34.4 kDa
Gene Summary:	Antagonizes DCUN1D1-mediated CUL1 neddylation by sequestering CUL1 at the cell membrane. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204264