

## Product datasheet for **RN216983**

### **Dcp1a (NM\_001191831) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dcp1a (NM_001191831) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dcp1a
Synonyms:	RGD1561298
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216983 representing NM\_001191831  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCACTTTCTGTTCTCCAGTCCGCCCCCGCCGAGGGGCTCGGCCTGGAGATCCAAGATGGAGTTGT  
 TGAGTCGAGCTGAGCAAGAGATGAGTCTGGCGCCTTGAACAACACGACCCCTACATCACCAGCATCGC  
 AGACCTCACGGGCCAGGTGCGCTTGTACTTTCTGCCCAAAGCCAACCAAGTGGGAGAAGACTGATATA  
 GAAGGGACATTATTTGTATACCGAAGGTCAGCTTCGCCTTACCATGGCTTACCATTGTCAACCGACTGA  
 ACATGCACAATCTGGTTGAACCAAGTGAATAAAGATTTGGAATTTAGCTCCATGAACATTTCTTCTGTA  
 TAGAAATGCAAGTTGTCAATATACAGCATCTGGTTCTATGACAAGAATGACTGTCATCGCATAGCAAAA  
 CTTATGGCCGATGTGGTGAAGAGGAGGCACGTCGAGCTCAGCAGGCTGCTCGAGATAAACAGAGTCCCA  
 GCCAGGCCAACGGCTGCAGTGACCAGAGGCCCATAGACATCCTGGAGATGCTGAGCAGAGCCAAGGATGA  
 GTATGAGAGGAATCAGATGGGCGGCTCAAATATCTCCAGTCCGGGGCTACAGCCAAGCTCTCAGCTCTCT  
 AATCTGGGAAGCACCGAGACTCTAGAAGAGACACCCTCTGGATCAACAAGATAAGTCTGCTCCATCCGGTC  
 ACAAGCATCTGACGGTGAAGAATTATTTGGAACCTCCTTGCCAAAGGAGCAGCCAGCACCTATGGGCTT  
 AGAGTCAGAAGACACGGACAAGCTGCTGGGAGATGCACCACAGAAAGAGCCAGCTCATTCTCCCGTTT  
 CCCTTTGAGCAGTCAGGGGGAGCCCTCAGGCTGAAAACCTGGGTGTCCATTCTGTCACTACCACACAG  
 TCCAGCCTGAAGTCAGCGCCCTGTGCTGATCACTCCCGCCTCCATTGCACAGTCGGGGCACAAGCATCC  
 CCCAAGCTACACTCTCCCACTGAGCCCTGTCTCAGCCCCACTCTGCCAGCTGAAGCTCCCACCACACAA  
 GTTCCCCACTTACCTCGGAATAGCACCATGATGCAAGCAGTAAGGACCACACCTAGGCAGAAATCTCCAC  
 TCCTGAACCAGCCCGTCCCTGAGCTAAGCCACAGCAGTCTGATTGCTAGCCAGAGCCCTTCAGAGCCCC  
 AGTGAGCCTGGCAAAACACAGCTGGCACGGCCATCCCAAGCTCTGATCTGCTCCAGAAACTCAGTTGACC  
 CCACAGCATGACCAAATACAGGCACAGCCACTTGAAAAGGTGGGATGGCACCCAACTTTTCTTCGGCAG  
 CTGGCCAGCTGGCCACCCTGAGAGCTTCATAGAGCCTTCTCTAAGACAGCAGCAGCAAGAGCAGCAGT  
 CGCAGCCTCCCTGAGCAACATGGTGTCTTCTCAACCCTCAGTCTATGCAGCAAAACCAGGATCCTGAA  
 GTATTTGCCAGCCTAAGGTGTTACCCAGTGCCATCCCGATCGCAGGCCCTCCATTGGTTACTGCAACAA  
 CCACAGCAGTATCTTCAGTCTGCTGTCCCCAGTGTGTCCAGCAAACAGTTCCAGGTCTGCAGACCT  
 AGAAAGGAAAGCCAGCTGCCCTCCCCCTCACTATTGGAGCAGAAAATCAGAGGAAGCCTTCCATTATT  
 CTCAGCAGGTCTCAGCTCCAGGACACACTGATACATCTAATAAAGAATGACTCCGGCTTTCTCAGCACGC  
 TTCATGAAGTTTACTTGCAGTTCTGACCAAGAGCAAAGACAACCACAGCCTA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001191831
- Insert Size:** 1806 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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.

**RefSeq:** [NM\\_001191831.1](#), [NP\\_001178760.1](#)

**RefSeq Size:** 1806 bp

**RefSeq ORF:** 1806 bp

**Locus ID:** 361109

**Cytogenetics:** 16p16