

## Product datasheet for RN216629

### Dcp2 (NM\_001170469) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dcp2 (NM_001170469) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dcp2
Synonyms:	RGD1562909
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216629 representing NM_001170469 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGAGACCAAACGCCTGGAAATCCCAGCAGCGTCTGGATGATCTCTGCAGCCGATTTATTTGCATA  
TCCCAGTGAGGAAAGAGACAATGCAATCCGAGTGTGCTCCAGATTGAACTCGCCATTGGTTTTACTT  
GGATTTCTACATGCAGAACACACCAGGATTACCTCAGTGTGGGATAAGAGACTTTGCCAAAGCTGTCTTC  
AGTCACGTGCCATTTCTGCTGCCACAAGGTGAAGACGTGGAAAAGATTCTGGATGAATGGAAGGAATATA  
AAATGGGAGTACCAACTATGGTCAATTATTCTCGATGAGACACTGGAGAATGTACTGCTGGTTACGGG  
GTACCTGGCAAAGTCAGGTTGGGGATTTCCAAAAGGAAAAGTAAATAAAGAAGAAGCACCTCATGACTGT  
GCAGCTAGAGAGGTTCTCGAGGAAACTGGTTTTGACATAAAAGACTATATTTGTAAGGATGATTACATTG  
AACTTCGAATCAATGACCAGCTTGTCTGCTTGTACATCATTCCAGGAGTTCCAAAAGACACAAAATTTAA  
CCCCAAAACCAGAAGAGAAATTAGGAATATTGAGTGGTTCTCCATTGAGAAGTTGCCATGTCATAGAAAAC  
GACATGACTCCCAAGTCCAAGCTCGGCTTGGCGCCCAATAAGTTTTTTATGGCCATCCCCTTTATCAGAC  
CACTACGGGACTGGCTGTCTCGAAGGTTCCGAGATTCTCTGACAGTGATAATGGTTTTCTCAGCTGG  
TAGCACACCAGCTAGACCCCGTGAAAAACTGAGTCAACGAAATTCGCCACAGCCAGCAGCTGTTTC  
CCTGAAGTTCTCCTAGTGACCAATGGGTAAGCACAGGCGCCGCTGCAACAGAAGCACAGTAACCACA  
CGGAGGTGTCCGACCTTTGCAAAGCAAAGAATCAAATATGAGAGGAAATGGCAGAAAACAGTATCAAGA  
TTCACCTAATCAAAGAAGAGAGTGAACGGAATTCACGGTCAGCCAACAAAGCAGCAGAATCCTTTGATG  
AAATGTGAAAAGAAGCTCCATCCACGAAAGCTTCAGGACAACCTTTGAGACAGATGCCGATGTGATTTGC  
CTTGTCTGGTGAAGACCCACTGGTAGAACATGCTGAGGGACATTCTGTAGCATGCAATGGACATTGCAA  
ATTCCATTTTCATCCAGAACCTTTCTGAGTTTCAAGTTTGACCAAAACGCTATAATGAAAATCTTGGAC  
CTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001170469
<b>Insert Size:</b>	1266 bp
<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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001170469.1, NP_001163940.1</u>
<b>RefSeq Size:</b>	1621 bp
<b>RefSeq ORF:</b>	1266 bp
<b>Locus ID:</b>	291604
<b>Cytogenetics:</b>	18p11