

## Product datasheet for **RN217216**

### **Cdh11 (NM\_053392) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdh11 (NM_053392) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdh11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217216 representing NM\_053392  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGGAGAACTACTGTTTACAAGCTGCCTGGTGTGCCTGAGCATGCTATACCACAGCCAGGCATTTG  
 CCCTGGAGCGACGAAGCCACCTGCGTCCCTCATTCCATGGACATCATGAGAAGGGCAAGGAGGGACAGGT  
 GCTGCAACGCTCCAAGAGAGGTTGGGTCTGGAACCAAGTCTTTGTGATAGAAGAGTACACCGGGCCTGAC  
 CCTGTGCTTGTGGGCAGGCTTCATTCTGACATTGACTCTGGTGTGGAAACATTAATAACATTCTCTCAG  
 GTGAAGGAGCAGGAACATTTTTGTGATTGATGACAAATCAGGGAACATTCACGCCACCAAGACTGGA  
 CCGAGAGGAGAGAGCCAGTATACACTGATGGCTCAGGCGGTGGACAGGGACACCAACAGGCCATTGGAA  
 CCACCTTCAGAAATTTATCGTTAAGGTCCAGGACATTAATGACAACCTCCAGAGTTTCTGCATGAAACCT  
 ATCATGCCAATGTGCCTGAGAGGTCCAATGTGGAACTTCAGTAATCCAAGTGACAGCCTCTGATGCAGA  
 TGATCCCACCTATGGAAATAGTGCCAAGTTAGTGTATAGTATCCTTGAAGGACAACCTACTTCTCAGTG  
 GAGGCCAAACAGGTATCATCAGAACAGCCCTTCCAATATGGACAGAGAAGCCAAGGAGGAGTACCATG  
 TGGTGATCCAGGCCAAGGACATGGTGGACACATGGGCGGACTCTCAGGGACAACCAAAGTGACGATCAC  
 ACTGACTGATGTCAATGACAACCCACAAAGTTTCCACAGAGCGTGTACCAGATGTCTGTTTCAGAAGCA  
 GCTGTCCCGGGGAGGAAGTAGGAAGGGTGAAGGCTAAAGACCCAGACATCGGAGAAAAATGGCTTAGTCA  
 CATACAATATCGTTGATGGAGATGGCATGGAAGTGTGAAATCACACAGACTATGAAACACAGGATGG  
 TGTGGTGAAGCTGAAAAAGCCTGTAGATTTTGAACCAAAAGAGCATATAGCTTGAAGGTAGAGGCGGCC  
 AATGTACACATTGATCCGAAGTTCATCAGCAATGGACCTTCAAGGACACAGTACTGTCAAGATTGCAG  
 TAGAAGATGCCGACGAGCCTCCCATGTTCTTGGCCCAAGTTATATCCATGAAGTTCAAGAAAAATGCAG  
 TGCTGGCACTGTGGTTGGGAGAGTACATGCCAAAGACCCGGATGCTGCCAACAGCCCAATAAGGTATTCA  
 ATTGATCGTCATACTGACCTCGACAGGTTTTTTCACGATTAATCCAGAAGACGGTTTTTAAAACTACGA  
 AACCTCTAGATAGGGAAGAACTGCCTGGCTCAACATCTCTGTCTTTGCAGCAGAAATCCACAACAGACA  
 TCAGGAAGCCAAAGTCCCAGTGGCCATCAGGGTCTGGATGTCAATGACAATGCTCCTAAGTTTGTCTGCC  
 CCTTATGAAGGCTTTATCTGTGAGAGTATCACCCAAACCCTCTCCAACCAGCCAATAGTTACAGTTA  
 GTGCAGATGACCTGGATGACACAGCCAATGGACCAAGATTTATCTTCAGTCTACCCCTGAAATCATTCA  
 CAACCCAAATTTACAGTAAGAGACAACAGAGATAAACTGCAGGAGTATATGCCCGACGTGGAGGGTTC  
 AGTCGGCAGAAGCAGGACCTCTACCTCCTGCCATTGTGATTAGCGATGGTGGCATCCCACCTATGAGTA  
 GCACCAATACCCTCACTATAAAAGTCTGTGGGTGTGATGTGAATGGGGCACTGTTGTCTGTAACGCTGA  
 AGCCTACATCCTGAATGCCGGTCTGAGCACTGGGGCATTGATCGCCATCCTTGCCTGCATCGTCATTCTT  
 CTGGTCATCGTTGTGTTGTTGTGACCCCTGAGGAGGCAAAAGAAAGAACCACTCATTGTATTTGAAGAAG  
 AGGATGTCCGGGAGAACATCATAACCTATGATGATGAAGGGGGTGGTGGAGGAAGACCCGAAGCCTTCGA  
 CATTGCCACCCTGCAGAAATCCTGACGGTATCAATGGATTTATCCCTCGCAAAGATATCAAACCTGAGTAT  
 CAGTACATGCCTAGACCTGGGCTGCGACCAGCACCAACAGTGTGGATGTGGACGACTTCATCAACACAA  
 GAATACAGGAGGCCGATAATGATCCCACGGCCCTCCCTATGACTCCATCCAATCTATGGTTATGAGGG  
 CAGGGGTTCCGTGGTGGGTCCTGAGCTCCTTGGAGTCTGCCACCACAGATTCGGACCTGGACTACGAC  
 TATCTACAGAACTGGGGACCTCGTTTTAAGAAATTAGCAGACTTGTATGGCTCCAAGACACTTTTGATG  
 ATGACTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_053392  
**Insert Size:** 2391 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
<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><a href="#">NM_053392.1</a>, <a href="#">NP_445844.1</a></u>
<b>RefSeq Size:</b>	5173 bp
<b>RefSeq ORF:</b>	2391 bp
<b>Locus ID:</b>	84407
<b>Cytogenetics:</b>	19p14
<b>Gene Summary:</b>	cell-cell adhesion molecule [RGD, Feb 2006]