

## Product datasheet for RN217592

### Pcdh11x (NM\_001271228) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pcdh11x (NM\_001271228) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pcdh11x  
**Synonyms:** RGD1562864  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN217592 representing NM\_001271228  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACTTGTGTCCGGGACGTATATATTTGCGGTCTGTAGCATGCGTCGTGTTTCAGTCTGGCGCC  
 AGGAGAAGAATTATACAGTCCGAGAAGAAATGCCAGAAAACGTCCTGATAGGCGACTTGTGAAAGACCT  
 CAACTTGTGCTTATCCCGACAAGTCCCTAACCCAGCCTATGCAATTCAAATTAGTTTACAAAACCGGG  
 GATGTACCATTGATTCCGATTGAAGAGGGTACTGGCGAGATCTTCACTACTGGCGCACGATTGATCGTG  
 AGAAATTATGTGCTGGAATCGTGTGGATGCTCGTTGCTTTTACGAAGTGGAGGTTGCTGTTTTGCCGGA  
 TGAAATATTTAGATTGGTTAAGATACGCTTTCTGATAGAAGACATAAATGATAATGCACCGTTATTTCCCG  
 ACAACTGTCATCAACATATCAATTCCAGAAAACCTCGGCTATAAATCTCGATATTCTCTCCGGCAGCCA  
 TTGATCCTGACATTGGAATAAATGGAGTCCAAAATACCAACTAATTAAGAGTCAAAATGTTTTCCGGTCT  
 TGATGTCGTTGAAACACCAGAAGGAGAAAAGATGCCCCAGCTGATCGTTCAAAGGAATTAGATAGAGAA  
 GAAAAGGATACCTATGTGATGAAAGTAAAAGTTGAAGATGGTGGCTTTCCCTCAAAGATCCAGTACAGCTA  
 TTTTGCAAGTAAAGTGTGCTGATACAAACGACAACCGCCCAATCTCATAGAGAAGGAAATGAAGTCAG  
 TATACCAGAAAATGCTCCTATAGGTTCTTCAGTGACACAACCTCCATGCCACAGATGCTGATATAGGTGAA  
 AACGCCAGAATCACTTTTATTTTACGCAATCTAGTCTCCAATAACGCTAAGAGACTGTTTCATCTTAACA  
 CCACTACCGGGCTTATCACTGTCAAAGAACCCTGGATAGGGAAGAATCACCAAGCCACAAGTTATTGGT  
 TTTGGCAACTGATGGTGGATCGACACCAGCAAAGCAATGGTGTGGTAAATGTTACAGATATCAATGAT  
 AATGTACCATCAATTGACATAAGATACATCGTCAATCCAACCAATGGCACTGTGCTCTTTCAGAGAATG  
 CTCGGCTTAACACTAAAATGCTCTCATAACTGTGACGGATAAGGATTCTGAACATAATGGTAGGGTGAC  
 ATGCTTACAGATCATGAAGTTCCTTTTACAGATTACGTCCAGTATTCAGTAATCAGTTTCTCTGGAGACA  
 GCTGCATTTCTTGACTTTGAGTCCACCAGAGAATATGCCATTAATTAAGTGGCCGCTGATGCTGGCAAAC  
 CTCTTTGAATCAGTCATCCATGCTCCTGATCAAAGTAAAAGATGAAAATGACAATGCTCCGGTTTTTAC  
 CCAATCTTTCATAAGCCTTTCCGTTCTGAGAATAACTCTCTGTTGTCACAGTTGACAAAATCAGTGCA  
 ACAGATGCAGACAGTGGACGCAATGCTGAAATAAACTACCTGCTAGGTTTTGATGCACCACCTGAATTCA



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ACCTGGATCGTCGTACAGGCATCCTGACTGCAGTGAAGAACTAGATAGAGAAAAACAGGAAAAGTATTA
CTTTACAGTCCTGGCACAGGACAATGGAATTCACCCCTAATGTCCAATGCCACTGTGTTCTGACTGTT
CTTGACCAGAATGATAACAGCCCAATTTTCACTCATAATGAATATAAATTCTATGTTCTGAAAACCTTC
CAAACATGGCACAGTAGGGCTAATAACTGTGACTGATCCTGATTATGGGGAGAATTCTGCAGTTACTCT
CTCTGTCTTAGATGTAACGATCAATTCACTATTGATCCACAGTCTGGTGCATCAGGCCAAATATTTCA
TTTGACAGAGAAAAACAAGAATCCTATACTTTCTATGTAAGCTGAGGATGGTGGTAGGGTATCACGTT
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TTCCAATTACTCCTTTGAATGGGTTCTACCATCCACAGATCCTGGCACAGTCATCTTCAAGGTTCTTGCA
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TTATGATTGAACAAATATCAGGCAACATCACATTGAAGGAGAAGTGCATGGTTTCAGATATTGGTTTACA
TCGAGTCATAGTCAAGGCTAAAGATTTAGGACAACCTGATTCTCTCTTCAATGTTGTAATGTCAATCTC
TTTGTAATGAGTCTGTGCCAATACTACCCTGATTTATGAAATGGTGCGCAAAAGCATTGACTCACCTG
CAAATCAAATTTGAAACAACAAGTGCATCCTCACCAACCACCGACTATGTCAAGATCATGGTTGCCAT
TGTTGCTGGCACCATAACTGTTGTCTAGTTATTTTCATCACTGCTGTAGTAAGATGCCCCAATCACCA
CACCTTAAGGCTTCTCAGAAAAACAACAGAATCTGAGTGGGTTACTCCAAACCCAGAAAAACAGACAGA
TGATCATGATGAAGAAGAAGAAGAAGAAAAAGAAGCATCCCCCAAGAACCTGCTGCTTAATTTTGT
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GAGCTGGAGGATCAAACCATGGGCAATACAACCTGGGCACTACACCTACTACCTTCAAGCCCGATAGCC
CTGATTTGGCTCGACACTACAACTGTCCTCTCCCAGCTGCATTCCAGATCCAGCCTGAAACACCCCT
AAACTCAAAGCACCACATCATTCAAGGCTTCTCTTGATAATACCTTCGTTGGGTGTGATTCCATCTCC
AAGTGTCTCTCCAGCAGTCTGTATCCCTACAGTGTTCGAGTGCAGCTATCCAGTGACAACCTTCAAGA
CTCCTGTGTCTGTGCATACCAGACCTCCAATGAAGGAAGTCGTACGATCTCACACACCTATGAAAGAGGC
AACACTGTGAAATCTGGACTCATCCGACCCACAGCGGAGATCTGATGGAAAAAGGCAGGAAAGTCC
CAGAGACGTGTTACATTTACCTACCAGAAGGCTCTCAGGAAAGCATCAGTGATGGTGGATTGGGAGACC
ATGATCCAGGCAGCCTTCCCAGTACATCCCATGCACTGCCACTTGCTATCCACAGGAAGAGTATTTTGA
TCATGCTGCACCAAAACAACCGCACTGAAGGGGATGGCAACTCTGATCCTGAATCTACTTTTATTCTGGA
CTAAAGAAAGCTGCAGAAATAACAGTGCAGCAACTGTGGAAGAAGCCTCTGACACCTGCACTCAAGAT
GCCTCATCTGGGCCACTCTGACTCCTGCTGGATGCCAGCTTCGCTGACCAATCTACTCCTTACAGAT
AAAGACTTCTGCTATCTGCCACAGTCCACCCAGGACCCATTATCAGTTCGTGCTGCAGCCCTCCAGT
ACACAGACTGTTGCTATCTGCCACAGTCTCCTGTGACCCAGGCTATTGCCCTGTGCCACAGCCCTCCAC
CAGTACAGGCTACCGTACTCCGTCATAGCTCACACCAGCACAGGCTCTGCAGTCTGCTACAGCCCAAC
TCTGGTACAGGCTGTGGTAATTCACCGCAGTCTCCTCTGCCACAGGCTGCCACACTCCGTCACACTCAG
GCACAACCACCAATGGGTTTACAGCAAGGATGGGTGCAGGGTGCAGGAGCAGATGGAACACATCCTATTG
ATCAGGGAGTACAGGAGTACGAGAGCTCAGTTTTACACCATGGCTGAAAGACTTCATCCAGATGATGA
CTCAATTAAGTCAATTCCTTTGACCACCTTTACTTCAGGTAACAGGCCAGAGCCTCAAGAGGTGATTCT
CCCATCATGGAGGAACATCCCTGTAA
    
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**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001271228

**Insert Size:**

4017 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.

<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_001271228.1, NP_001258157.1</u>
<b>RefSeq Size:</b>	4385 bp
<b>RefSeq ORF:</b>	4017 bp
<b>Locus ID:</b>	317204
<b>Cytogenetics:</b>	Xq31