

## Product datasheet for RN217472

### Pcdh19 (NM\_001169129) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pcdh19 (NM\_001169129) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pcdh19  
**Synonyms:** RGD1565392  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN217472 representing NM\_001169129  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGTCTCTCCTGCTGCCGGTGCTATTGCTGCTGGCTGTAATGGACGCAGGCGGCCGCCCTGATTA  
 ACCTTAAATACTCAGTAGAAGAGGAGCAGCGCGCCGGGACTGTGATCGCTAATGTGGCCAAGGACGCGCG  
 GGAGGCAGGCTTCGCGATGGATACCCGACAGGCTTCTGCTTTCGCGTGGTGTCCAACCTCGGCTCCGCAC  
 CTGGTGGACATCAACCCAGTTCGGGCCTCTTGGTCACCAAGCAGAAGATTGACCGAGACCTGCTGTGCC  
 GCCAGAGCCCCAAGTGTATCATCTCGCTAGAGGTCATGTCCAGCTCAATGGAAATCTGTGTGATTAAGGT  
 GGAAATCAAGGACCTGAACGACAATGCTCCCAGTTTTCCGGCCGACAGATTGAACTGGAGATCTCTGAG  
 GCAGCCAGCCCCGGCAGCGGTATCCCACTGGACAGCGCATATGACCCGGACTCAGGCAGTTTCGGTGTGC  
 AGACCTACGAGCTCACGCCAACGAGCTGTTGGCCTGGAAATAAAGACGCGGGGTGACGGTTCGCGCTT  
 TGCTGAACTCGTGGTGGAGAAGAGCCTGGACCGGAGACACAGTCACACTACAGCTTTCGATTACGGCG  
 CTCGACGGAGGCGACCCACCACATGGGCACAGTTGGCCTCACCATCAAGGTGACCGACTCGAATGACA  
 ACAACCCGGTGTGGTGGTACTTACTCCGTGAGCGTGCCTGAAAACCTCACCTCCCAATACACCTGT  
 CATCCGCCTCAATGCCAGCGATCCAGATGAGGGCACCAACGGCCAAGTAGTCTACTCTTCTATGGTTAT  
 GTCAATGACCGCAGCGTGAACCTTCCAAATTGACCCACACAGCGGCCTGGTCACTGTACCCGGTGC  
 TAGACTATGAAGAGGGCCACGTGTACGAACTGGATGTGCAAGCCAAAGACCTGGGGCCCAACTCTATCCC  
 TGCACACTGCAAAGTCACTGTACGCGTGTAGACACTAACGATAACCCGCAATTATCAACCTTCTGTGC  
 GTCAATAGCGAGCTTGTGGAGGTGAGCGAGAGCGCCCCCGGGCTATGTGATTGCTCTGGTTCGGGTGT  
 CTGATCGCGACTCCGGTCTAAATGGACGTGTGACGTGCCGCTTGTGGGCAATGTCCCCTTAGGCTGCA  
 GGAGTATGAGAGCTTCTCCACTATTCTGTTGATGGACGGCTGGATCGAGAGCAGCATGACCAATACAAT  
 CTTACTATTGAGCTCGAGACAGCGGTGTGCCTATGCTGCAAAGTGCCAAGTCTTTACTGTGCGTATCA  
 CAGACGAGAATGATAACCACCCACACTTCTAAGCCTTACTATCAAGTCATTGTACAGGAGAACAACAC  
 TCCTGGCGCCTATCTGCTCTGTGCTGCCCGTGACCCTGACTTGGGTCTCAATGGCAGCGTCTCCTAC  
 CAAATTGTGCCATCACAGGTGCGAGACATGCCAGTCTTACCTATGTCTCTATCAATCCCAACTCTGGT



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ACATCTATGCGCTAAGATCCTTTAACCATGAGCAGACCAAGGCATTTGAATTCAAAGTCCTGGCCAAGGA  
 TGGTGGCATGCCCTCCCTGCAAAGCAATGCCACTGTGAGGGTCATTATCCTCGACGTCAACGACAATACC  
 CCGGTTATCACTGCCCCACCTCTGATCAATGCCACTGCTGAAGTCTACATTCTCGAAATTCGGCATAG  
 GCTATTTGGTGACTGTAGTTAAGGCAGATGATTATGATGAGGGCGAAAATGGCCGAGTCACCTATGACAT  
 GACAGAAGGTGACCGAGGTTTCTCGAAATAGACCAGGTCAATGGAGAAGTCAGAACCACTCGTACCTTT  
 AATGAGAACTCCAAGGCTTCTATGAGCTTATAGTGGTGGCCATGACCATGGCAAGACATCTCTTTCTG  
 CTCTGGCCTTGTCTAATCTACCTGTCCCAGCTCTTGATGCTCAAGAGTCAATGGGCTCTGTGAACCT  
 ATCCCTGATTTTCATTATTGCTCTGGGCTCCATTGCCGGCATTCTTTTGTCACTATGATCTTCGTGGCA  
 ATCAAGTGCAAGCGTGACAACAAAGAGATCCGGACCTACAATTGCAGAATCGCTGAGTACTCCTATGGGC  
 ATCAAAAAGAAATCAAGTAAGAAGAAAAAATTAGTAAGAATGACATCCGCCTTGTACCTCGGGACGTGGA  
 GGAGACAGACAAGATGAATGTTGTCAGTTGCTCCTCCCTACTTCGTCCCTCACTATTTTCGACTACCAC  
 CAGCAGACACTGCCCTGGGCTGCCGTGCTCTGAGAGCACTTCTCTGAATGTGGAGAACCAGAATACCC  
 GCAACACCACTGCCAACCACATCTACCATCACTCCTTCAACAGCCAGGGCCACAGCAGCCAGACCTGAT  
 CATCAATGGTGTGCCCTGCCTGAGACTGAAAATCTTCTTTGACTCTAACTACGTGAATAGCCGTGCC  
 CATTTAATCAAAAGCAGCTCCACCTTCAAGGACCTAGAGGGCAACAGCCTGAAGGATAGTGGCATGAGG  
 AGAGTGACCAGACCGACAGTGAACATGATGTCCAGAGGAGCCTGTACTGCGATACTGCCGTGAATGATGT  
 TCTCAATACCAGCGTGACCTCCATGGGATCTCACATGCCTGACCATGACCAGAATGACGGATTTCAATGC  
 AGGGAAGAGTGCCGGATTCTTGGCCACTCTGATAGATGCTGGATGCCCGGAATCCCATGCCACTCGCT  
 CCAAGTCGCCTGAGCACATGAGGAACATCATCGCTCTGTCCATTGAAGCTACCGTGTGATGTTGAAGC  
 TTATGACGACTGCGGCCCCACCAAGCGGACTTTTGAACCTTCGGAAAAGATGTCAGTAGCCACCCAGCT  
 GAGGAGCGGTCCATCTGAAAGGCAAGCGGACTGTGATGTGACCATCTGCAGCCCCAAAGTCAACAGCG  
 CTATCCGGGAGGCGGCAATGGCTGTGAAGCTATTAGCCCCGTCACTCCCCTCCACTCCATCTGAAGAGCCC  
 TCTGCCCTACCAAGCCTTCCATGTCTTACACCGTCGCCCTGGCTCCTCCAGCTCATGATCTGGATCACCAT  
 GCCAACACTGGGCGCTCTCGTCTTCTGAAGCTGAGCCCGTGGAGCCGACAGCGAGAAAGTCAATGCACG  
 AGGTCAATCTATTCTGAAGGAAGGGCGTGACAAGGAATCTCCGCGGTGAAGCGTCTGAAGGATATCAT  
 TCTCTAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-RsrII
- ACCN:** NM\_001169129
- Insert Size:** 3297 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\_001169129.1, NP\_001162600.1

**RefSeq Size:** 4156 bp

**RefSeq ORF:** 3297 bp

**Locus ID:** 317183

**Cytogenetics:** Xq32