

Product datasheet for **RN207572**

Pcdhga9 (NM_001037158) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga9 (NM_001037158) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207572 representing NM_001037158
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGCCCCAGCCAGACGCCCGCACTGCACAAGACTGGTCCTTGTGTGCGCTGCTGGGGATGCTGT
 GGGAGGCCAGGGCCAGGCAGATCCACTATTCCGTGCCAGAAGAGACAGAAAAGGGCTATACAGTGGGAAA
 CATCTCTAAGGACCTGGGACTGGAACCCCGTGAGCTGGCGGAGCGTGGAGTCCGCATCATCTCCAAAGGT
 AAGACCCAGTTTTTCTCTCTGAGCCCGCGGAGCGGTTGCTTGGTCACCGCAGGCCGGATAGACCGGGAGG
 AGCTGTGTGCTCGGATCGCTCCCTGCGTCTAAGCTTTAAAGTCTAGTTGAAGACAGAGTGAAACTTTA
 TGGGGTAGAAGTAGAAGTGATTGATATCAATGACAATGCGCCAAAATTTGAAGCCGAAAATTTAGTCGTA
 AAAATCAGCGAAATCGCTGCCCTGGAGCACGGTATCCACTCCCAGAAGCGGTTGACCCAGATGTGGGCA
 TAAACTCCCTCCAGAGTTACCAGCTCAGCCCCAACCGGCCTTCTCTGGACATTCAAAGGGGAGACGA
 CGGAACAATAAACCCAGAGTTGGTGTGGAGCGCACCCCTGGACCGAGAGGAAGAGCCCTCTACCACCTG
 GTCTCACCGCCTCCGATGGCGGCGACCCGCGCCGCTCCAGCACAGCGCTCATCCAGGTCACAGTGTGG
 ATACCAACGACAATGCCCTGCTTTGACCAACCCGTTAACCCGCTGAAAAGTCTCGAGAACGTGGCCCC
 GGGCACCTGCTGCTCACGGTGAGAGCTAGCGACCCGGACGAGGGTGCCAATGGGAAGGTGACATACAAA
 TTCCGGAAAATGAATGAAAAACAGTCGCTGTTATTCCATCTTCATGAAAACACGGGGGAAAATGACAGTAG
 CGAAAACCTCTGGACTATGAAGATGCTCATTGTATGAAATGAAAATACAGGCTGAAGATGGCGGGGACT
 GAAAGGGCGGACCAAAGTGGTAGTTACGGTAGAAGATGTAATGACAACCGCCGGAAGTGACCATTACA
 TCTCTGTTTAGCCAGTAAGGGAAGATGCGCCCCAGGGACAGTAATCGTCTTTTCAACGCTCATGACC
 AAGATTCTGGGAAGAATGGCAAGTTGTCTGTTCCATCCAGGAGAACCATCTTTTAAATTAGAAAACCT
 AGTAGACGATTACTATAGGTTGATGACAGCCAGATTCTTGACCGAGAAAAGGCTTCTGAGTATAACATC
 ACAGTGACAGCAACAGACAGGGGAACCCATCCATGTCCACAGAGGTTACAGTACCCCTGTATGTGGCGG
 ACATCAACGACAATCCGCTGCCTTCTCTCAAACCTCCTACTCAGTCTATCTCCCTGAAAACAACCCAG
 AGGCACCTCCATCTTCTCAGTTAGCGCCCATGATCCTGATGAAAATGAGAATGCGAAGGTTACTTACTCT
 TTGGTGGAAAACACCATCCAGGGGGCACCACTCACCTCTACATCTCCATTAACCTGACACCGGTGTGC
 TCTATGCTCTGCAATCCTTTGACTATGAGCAGTTTCGAAATCTGCAGATGCAGGTGAAGGCAAGCGACAG
 CGGGCATCCGCCACTCAGCAGTAATGTGCCCTGTCTGTGTTTCTATTGGATCAGAAATGACAATGCTCCC
 AAGATCCTCTATCCCTCCCTCCCGACTGATGGCTCCACTGGTGTAGAGCTGGCTCCCGCTCTGCCGAGG
 CTGGGTATCTGGTGACCAAGGTGGTAGCAGTGGACGAAGACTCTGGACAGAACGCTTGGTTATCTTACCG
 CCTGCTCAAGGCTAGTGAGCCGGGACTTTTACAGTGGGGCTCCGTTTCCAGGTGAAGTCCGCACAGCTCGC
 GCCCTGTAGAGAGAGATGCACTCAAGCAAAGCCTCGTGGTAGCTGTGCAGGATCATGGCCAGCCCCCTC
 TTTCTGTACGGTCACTCTCACAGTGGCTGTGGCAGACAGCATCCCCGACATCCTGGCTGACTTGAGCAG
 TATCAGCACTCCTGCAGACCCTGATCCGATATTACTCTACCTGGTGGTAGCAGTTGCTGTGGTCTCC
 TGTGTCTTCTACTCTTTGACTGGTGTGCTGGCACTTAGGCTACGGCGCTGGCATGCGTCGAGCCTGC
 TGCAGGATGCAATAGGTGGATCCACTGGGTACCAACATCACATATTGTGGGTGTGCATGGGTTTCAGAG
 TTTCTACAAACCTATTCTCAAGAGTTTTCCCTCACACCTGACTCTGGGAAGGCCACTTGATCTTCCCC
 CAGCCCAACTATGCCGACACGCTCATCAGCCAGGAGAGCTGTGGGAAAAGCGAGCCTCTGTGCAAGCTCGG
 TTGAGTCCAAGTTTCTATTGATGACACTCCCTTGGTTTCTCAAGCCCCGCCAACACTGACTGGCGTTT
 CTCTCAAGCCCAGAGACCCGGCACGAGCGGATCCCAAAATGGGGATGAAACCGGCACCTGGCCCAACAAC
 CAGTTCGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCTCCA
 CTCTGGGAGGGGGCACTGGCACTATGGGTTTGGCGCTCGATATGGACCCAGTTTACCCTGCAGCACGT
 GCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACACTGACCAACGCAGCTGGCAAACGA
 GATGGCAAGGCTCCGGCAGGCGGCAATGGCAACAAGAAGAAGTCGGGCAAGAAAGAGAAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037158

Insert Size:	2796 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).
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:	<ol style="list-style-type: none"> 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:	<u>NM_001037158.1</u> , <u>NP_001032235.1</u>
RefSeq Size:	4732 bp
RefSeq ORF:	2796 bp
Locus ID:	252895
Cytogenetics:	18p11
Gene Summary:	member of cadherin superfamily (cadherins); may mediate Sertoli-germ cell interactions [RGD, Feb 2006]