

Product datasheet for **RN202877**

Pcdhga1 (NM_001037140) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga1 (NM_001037140) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202877 representing NM_001037140
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGATTCCAGAGAAGCTAACCGGTTGGAGCCTGCTGATGCTGCTGTGCCTTTCTCTGGAGCTACTGT
 TGGAAAGCTGGGGCTGAAACATCCGATACTCCGTGCCAGAAGAAACCGACAAAGGCTCCTTCGTGGGCAG
 CATCGCCAAGGACCTGGGACTGAAACCCGGGAGCTGGCGGAGCGCAGGATCCGCATCGTCTCCAGAGGT
 AGGTGCGCAGCTTTTCTCCCTGAACCCGGAAGCGGCAGCTTGGTCACCGCGGCAGGATAGACCGGGAAG
 AGCTGTGCGCTCAGAGCGTGCCGTGTGCTGAGCTTTAACATCCTTATGGAGGATAAAGTAAAGCTTGT
 CCCTATCGAAGTAGAGATAATTGATATCAATGACAACACTCCCAATTCAGTTAGAAGAGCTAGAATTA
 AAAATGAGTGAATAACGACCCAGGTACCAGGATCCCTTTGCCTCTCGGCAAGACCTGGATGTGGGTA
 TAAATTCACTTCAGAGCTACCAGCTAAGCGCAACCCCTACTTCTTCTGGATGTGCAACAGGGACCTGA
 TGGACCACAACAGCCGGAGATGGTACTGCAGAGACCTCTAGACAGAGAAAAGATGCTGTTCATTACCTG
 ATCCTCACTGCCTCTGATGGGGCAACCAATACATTCAGGGACTTTGCAAATTCATGTTAGGTGGTAG
 ATGTGAACGACAACCCACCAGCATTACTCAGGACAGATACACGTGAGAGTCCCTGAGAACGTTCCATT
 AGGCACCTCGGCTTCTCAAGGTGAATGCCTTGACCCGGATGAGGGAGCTAATGGCAGAGTAACTACTCC
 TTTCAATGTAGACCACAGCGTGGTCCGGAATTTTCAGTTGGATTCTTACACAGGAGAATATCGAATA
 AAGAACCCTAGACTTTGAAGAATACAAAGTTTATCCAATGGAATTCAGCTCAGGATGGTGTGGACT
 CATGGCCAGAGCGAAGGTGCTGGTCACTGTTTTGGATGTTAATGATAATGCCCAAGAAATGGAGTCAGC
 TCTGTAACACCACAATACCAGAAAACCTTCTCCTGGGACCATAGTTGCTCTCATCAGTGTGCATGATC
 AAGACGCTGATGACAATGGTACACCATTGTTCCATTCTGGCAACCTACCCTTTAAACTGGAAAAGTT
 AGTGGACAATTATTACCCTTAGTAACAGAAAAGAACACTGGACAGAGAACATAGCTCTAGGTACAACATC
 ACAATAACAGCAACAGATCAGGGAACCTCACCCCTATCTACCCAGGCTCACATCTCACTGCTAGTGACAG
 ATATCAATGACAACCCCTCAGTTTTCGAACAGGACTCCTATTCTGTCTACATCCCTGAAAACAACCCAG
 AGGGGCTTCCATCTTCTCAGTAAAGGCCAGGATGCTGACCACAATGAGAATGCTCTAGTGACTTACGCC
 CTGGTGGAAAGACTATTACAGGGAGTACCTTTGTCTTCTATTCTCCATCAACTCTGACTGAGGTTG
 TCTATGCACTGCAATCCTTTGACTATGAGCAGTTTCGAGATTTGCAGCTAAGAGTGATGGCCGTGATAG
 TGGGAACCCACAACCTCAGCAGCAATGTATCTCTGAGTCTATTTCATGATAGATCAGAAAGCAACGCCCA
 GAGATCCTGTACCCTGTCTCCCACTGATGGCTCCACTGGTGTGGAGCTAGCACCTCGATCTGCCGAGC
 CCGGTTACTGGTGACCAAGGTAGTAGCAGTAGACAAAGACTCAGGACAGAACTCCTGGCTGCCTACCG
 TCTGCTCAAAGCCAGCGAGCCAGGGCTCTTCTCGGTGGGGCTGCACACAGGTGAGGTACGCACAGCTCGG
 GCCCTGTGGACAGAGATGCTCTCAAACAGAGCCTGGTGGTGGCTGTGCAGGACCACGGCCAGCCTCCTC
 TGTCCACCACAGTCACATTTACTATAGCAGTGGCTGACAACATCCCTGACCTCCTGGCTGACCTGGGCAG
 CATTGGGACCCCTGCTGACCCCAAGGATTCAGATCTCACACTCTACCTGGTGGTGGCAGTGGCCGTAGTC
 TCCTGCATCTTCTAGCCTTTGTAATAGTGCTCTTGGTGTCAAGCTGCGACATTGGCACTCCTCACGCT
 TGCTCCAGACTGCAGCAAAATGGACTGACTGACCTGCCACCTCCAATTTGTAGGTGTTGATGGGTACA
 TGCATTTCTACAGACCTATTCCCATGAGATCTCACTCACTGCTGACTCTCGTAAGAGCCACTTGATCTTC
 CCGCAACCCAACTACGCAGACACACTCATCAGCCAAGAGAGCTGTGAGAAAAAAGAATTTCTGTACGAC
 CACAGTCTCTGCTTGAAGATAAAGAGGAAATATTTTCTCAGCAAGCCCGCCCAACTGACTGGCGTTT
 CTCTCAAGCCAGAGACCCGGCACGAGCGGATCCCAAAATGGGGATGAAACCGGCACCTGGCCCAACAAC
 CAGTTCGATACAGAGATGCTGCAAGCCATGATCTTGGCTCTGCCAGTGAAGCCGCTGATGGGAGCTCCA
 CTCTGGGAGGGGGCACTGGCACTATGGGTTTGGCGCTCGATATGGACCCAGTTTACCCTGCAGCACGT
 GCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCCACTGACCAACGCAGCTGGCAAACGA
 GATGGCAAGGCTCCGGCAGGCGGCAATGGCAACAAGAAGAAGTCGGGCAAGAAAGAGAAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001037140
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_001037140.1</u> , <u>NP_001032217.1</u>
RefSeq Size:	4548 bp
RefSeq ORF:	2796 bp
Locus ID:	553129
Cytogenetics:	18p11