

Product datasheet for **RN207013**

Pcdhga2 (NM_001037139) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga2 (NM_001037139) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207013 representing NM_001037139
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGACGCTGCAGAACTCCCCAGAGCAGAATGCTGGTCTCTGTGCGCACTTTGGGCCGCCCTGT
 GGGAGGCCAGAGCTGGACAGATCCGCTACTCCGTGCCAGAGGAGATCGACAAAGGCTCCTTCGTAGGCAG
 CATCGCCAAGGACCTGGGACTAGAGCCCGGGCTCTGGAAGAACGAGGGGTCCGTATCGTCTCCAGAGGT
 AAGTCGCAGCTCTTTGCTTTGAACCCACGAAGCGGCAGCTTGGTCACCGCAGGCAGGATAGACCGGGAGG
 AGCTGTGCGCCCAGAGCACACCTGTTTGGTGAACCTTAACTATTAATGGAAGATAAAATTGACTATTTA
 TTCTGTAGAGGTGGAGGTAATAGATGTTAATGACAATGCTCCTCGCTTTGGAGTAGAGGAGCCAGAATA
 AAAATCAGTGAACAACACACCCAGGATTCAGGATTCCTCTTAAGAGTGCACATGATCGGACGTGGGAG
 AGAACACCTCCAGAAGTAAACTCAACTCAAATGACCATTCTCTCTGGACGTGCGAACTGGAGCTGA
 TGGGAACAAGTACCCAGAGCTGGTCTTGAGCGTGCCTTGACCCGAGAGGAAGAAGCTGTTTCATCATCTG
 GTTCTAGTCGCCTCTGACAGGGCAAGCCAGTGCATCTAGCACCTGCCGCATCCGTGTGAAGGTCTTGG
 ATGTGAACGACAACGCTCCTGTTTTACCCAGCCCGAGTATCGTGTGAGCGTTCTTGAGAATATGCCCGT
 AGGAACCCGGATACTCACGGTGACAGCCACTGACACTGATGAGGGATAACAATGCTCAAGTGAATTTTT
 CTGGAGCGTGTCCCTGGAGAAAGTACAGATGCATTTGAGCTAAAGTCAACATCTGGAGATAAACAATCA
 CAAAAAGTCTGGATTATGAGAAAGCTAAATCCATGAAATCGATATTGAGGCTCAGGACGGCCAGGCCCT
 TCTGACTAGGACTAAAGTTATTGTCACCGTTCTAGATGTCAATGACAATGCCCGAGAATTTACATGACA
 TCTGCCACTGCTTCTGTGCCTGAAGATGCTCCTCTGGAAACCGTAATTGCACTCTCAATGTGCATGACA
 GGGACTCTGGGCAGAATGCTGTTGTACATGTTCACTTCTGAGATGCTCCCTTTCAAGTTAGAAAGGTC
 AGTGGACAATTACTACCGACTGGTTACAACCCAGAGCCCTTGACAGGGAACAGTTCTCCTTCTACAACATC
 ACTCTAAGAGCCAAGACCAAGGAAGCCCGTCTGTGCCACAGATGCACACCTTTTACTGCAAGTGGCAG
 ATATCAATGACAACCCACCTCCTTCTCCCGGGGGCCTACTCTGCCTACATTCTGAAAACAACCCCGAG
 AGGCACCTCTATCTTTTCGGTGTGGCCTATGACCCTGACAGTAATGACAATGCCCATGTAACCTACTCT
 TTAGCTGAAGTACCTTTCAAGGAGCACCCCTGTCTCTACATCTCCATCAACTCTGACACTGGAGTCC
 TCTATGCTCTCCGCTCCTTTGACTATGAGCAGTCCAAGACTGCAGCTGTGGGTGATAGCAGTGGACAG
 TGGGAAGCCTCCACTGAGTAGCAATGTGTCATTGAGCCTGTTCTTAGTGGACCAGAAATGACAACATGCCT
 GAGATCCTATATCCTGCCCTCCACAGACGGATCCACTGGTGTGGAAGTGCACCTCGATCGGCAGAGC
 CTGGATACCTGGTGACCAAGGTGGTGGCAGTGGACAAAGACTCAGGTGAGAATGCCTGGCTGCCTACCG
 TCTGCTCAAGGCCAGTGAGCCAGGGCTCTTCTCAGTGGGGCTGCACACGGGCGAAGTACGCACAGCTCGG
 GCCCTGTTGGACAGAGATGCTCTGAAACAGAGCCTGGTGGTGGCTGTGCAGGATCACGGCCAACCTCCTC
 TCTCTGCCACGGTCACACTCACCATAGCAATAGCTGACAACATCCCTGAAGTCTGGCTGACCTGGTCAG
 CATCAGGACCCCTGCCAACTCTGATGATTCAGAATCACTCTCTACCTGGTGGTGGCAGTGGCTGTGGTC
 TCCTGTGTCTTCTTGGCCTTTGTCATTGCACTGCTGGCACTCAGGCTGAGGCGTGGCATATGTCTCGAA
 TGCTCAGGCTTCAGGAGATGGCTTTGGGGAAATCCCTGCCTCACACTTTGTGGGAGTGGATGGAGTCCG
 TGCTTCTGACAGCTATTCCCATGAAGTCTCACTCACTGACAGACTCGGGGAAAAGCCACATTATCTTC
 CCTCAACCAAACTATGCAGATACTCTCATCAGCCAGGAGAGCTGTGAAAAAATGATTTTCTTTCAGCAC
 CGCAGTCTTTACTTGATGATAAAAAGAGAAGAAACCCCGCAGCAAGCCCGCCCAACTGACTGGCGTTT
 CTCTCAAGCCAGAGACCCGGCACGAGCGGATCCCAAAATGGGGATGAAACCGGCACCTGGCCCAACAAC
 CAGTTCGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCTCCA
 CTCTGGGAGGGGGCACTGGCACTATGGGTTTGGCGCTCGATATGGACCCAGTTTACCCTGCAGCACGT
 GCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCCACTGACCAACGCAGCTGGCAAACGA
 GATGGCAAGGCTCCGGCAGGCGGCAATGGCAACAAGAAGAAGTCCGGCAAGAAAGAGAAGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN:	NM_001037139
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_001037139.1</u> , <u>NP_001032216.1</u>
RefSeq Size:	4718 bp
RefSeq ORF:	2796 bp
Locus ID:	498846
Cytogenetics:	18p11