

Product datasheet for **RN215514**

Pcdhga3 (NM_001037154) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga3 (NM_001037154) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN215514 representing NM_001037154

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCCGACTGGGACGAGGAACCGCCGGAGCTTTGTTGTGCGCGCTCCTGGGGACTGAGCGCGGCTG
GCTTCAGGCAGATCCGCTACTCCGTGCCGGAGGAGCTGGACAAAGGCTCCTACGTGGGCAACATCTCCAA
GGACCTGGGGCTGGAGCCCCACGAGCTGGCGGAGCGCGGGTCCGCATCATCTCCAGAGGTAGTTCGCAG
CTTTTCTCTGGACCCGCAAGCGGCAGCTTGGTTACCGCGGGCAGGATAGACCGGGAGGAGCTGTGCG
CCCAGAGCGCCCTGTGTCGTGAGCTTTAACATCCTTGTAGAGGATAAGCTGAAAATATTTGAGGTAGA
AGTTGACATCAGCGATATTAATGATAATGCTCCTAGTTTTCCAACGAGGAATGGAAAATAAAATTTGGG
GAACTAACAGTTCCTGGAACCCGATTTCCACTTAAACTGCGTTTGACCCGGATGTGGGCATGAACCTCC
TGCAGAATAAAGCTCAACTCCAATGACTACTTCTCCTTGGCTGTGAACAGCGTCATCGATGACGCCAA
GTACCCAGAGCTGGTGTGGAGCGAGCCCTGGATCGTGAGAAAAGGAGCAGTCCATCAGCTTGATCTCATT
GCCTCTGATGGCGGAGACCCCTGCCACACCGGCAAGTTGTGCATCCAAGTGATAGTCTTGGATGCAAATG
ACAACCCGCCCGTGTACTAAGCCAGAGTACCGTGTCAAGTGTCTGGAAAATGTGCCAGTGGGCACGCG
GCTGACCACAGTGAATGCCACTGATCCTGACGAGGGATTCAATGCTCAAGTGTCTACATTCTAGATAAA
ATGCCTGGGAAAATTGCTCAGATTTTCCATCTCAATTCAGTGACTGGAGATGTATCAATATTAAGAAAGTC
TTGATTATGAGGACGCTGATTTCTATGAAATCAAAATTGAAGCACAAGACGACCGACAGGTCTTTTTTCAAG
AGCCAAGATTCTGTACGGTTCGGATGTGAATGACAACGCCCCAGAAATCTCAGTCACTTCCCTCACA
AGCTCGGTCCCAGAGGAGGCTCCTGCTGGAAGAGAAATCGCTTATCAATGTACATACCGGAGATCTGT
GCCAGAACGGGCAAGTCTCAGTTTTTGTCTGGGAAATCTGCCCTTACTCTAGAAAAATCAATCGACCA
ATACTACCGCTTAGTGACAGCCAGATCTCTGGATCATGAGAAGGAGTCTCAATATAATATCAGTCTGAGA
GCCACTGATGGGGGAAGCCACCACTATCCACAGAAACTCATATCACTCTGCATGTGACAGACATCAATG
ACAACCTCCTACCTTACACAGTGCCTCTATTTAGCCTATATCCAGAAAAAATGCTAGGGGAGCATC
CATCTTCTCTGTACAGCACAGGACCCGGACACTGACAAGAAATGCACAAATCACTTACTCACTGGCTGAG
GACACACTTACGGGGTGCCTGTCATCCTTCGTCTCCATCACTTAATACTGGTGTCTGTATGCC
TTTGTCTTTGACTACGAGCAGTTTAGAGACCTGCAGTTACACATAACAGCCAGGGACAGTGGGAAACCC
TCCACTCAGCAGCAACTCGACCCTGAGTCTATTTGTGCTGGACAAGAATGACAACCTCACCTGAAATCCTG
TACCCTGCCCTCCAGTAGATGGCTCCACTGGGTTGAGTTAGCACCCCGCTCTGCAGAACCTGGATACC
TGGTAACCAAGGTGGTGGCAGTTGACAAAGATTAGGACAAAACCTTTGGCTGTCTACCGCCTGATCAA
GGCCAGCGAGCCAGGGCTCTTCTCGGTGGGGCTGCACACAGGCGAGGTACGCACGGCTCGGGCCCTCCTG
GACCGAGATGCTCTAAACAGAGCCTGGTGGTGGCTGTGCAGGACCATGGCCAGCCCCCTTTCCGCCA
CAGTCACACTCACCATAGCAGTGGCTGACAGCATTCTGACATCCTGGGGACTTGGAAAGCATCCATAC
CCCTGCTAACCCCAAAATTCAGACCTCACCTCTACCTGGTGGTGGCAGTGGCTGCGGTCTCCTGCATC
TTCCTGGCCTTTGTCATTGTGCTGCTGGCCCTTAGGCTACGGCGTTGGCACTCATCGCGCTGCTACAGG
CTTCAGGAAATGGGTTAGCCGGCATAACAGCCTCTCACTTTGTGGGTGTAGATGGGGTCAAGCGTTCTC
GCAGACCTATCCAGGAAGTTTCGCTTACTGCAGGCTTAGGAAGAGTCACTGATCTTCCCGCAGCCC
AACTATGCAGACAGCTCATCAGCCAGGAGAGCTGTGGGAAAAGCGAGCCTTTATAATACCTCAAGATT
TACTTGAAACGCAAGAAGACCCCGAGCTGCCTGAGCAAGCCCGCCAACTGACTGGCGTTTCTCTCA
AGCCAGAGACCCGGCACGAGCGGATCCCAAAATGGGGATGAAACCGGCACCTGGCCCAACAACAGTTC
GATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCTCCACTCTGG
GAGGGGGCACTGGCACTATGGGTTTGGCGCTCGATATGGACCCAGTTTACCCTGCAGCAGTGCCTGA
CTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACACTGACCAACGCAGCTGGCAACGAGATGGC
AAGGCTCCGGCAGGCGGCAATGGCAACAAGAAGAAGTCCGGCAAGAAAGAGAAGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001037154
Insert Size:	2790 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_001037154.1</u> , <u>NP_001032231.1</u>
RefSeq Size:	4712 bp
RefSeq ORF:	2790 bp
Locus ID:	498847
Cytogenetics:	18p11