

Product datasheet for **RN208068**

Pcdhga10 (NM_001037135) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhga10 (NM_001037135) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhga10
Synonyms:	Pcdhga10temp; Pcdhgb7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208068 representing NM_001037135
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCTCAAAGGAATCTCTCAGAGCGCACAACTGGTCTCTTTTCTATGGATGCCTGGGAGT
 CCGCAGCCCGGCAGATCCGCTACTCGGTTCTGAGGAAGTACAGAAAGGCTCTTTTCGTGGCAACATCTC
 CAAGGACCTGGGCTGGAGCCCCGCGAGCTGGCGGAGCGCGGGTCCGCATCATCTCCAGAGGTAGCGAG
 CTTTTCTCTGAACCCGCGAGGCGGCAGCTTGGTCACCGCGGCGAGGATAGACCGGGAGGAGCTGTGCG
 CCCAGATCGCGCCTGTGTCGTGAGCTTTAACATCCTTGTAGAAGATAGGGTGAACCTTTTCGGGATAGA
 GATAGAGGTAACGGATGTCAATGACAATGCGCCAAAATCCAAGCAGAACTCTAGATGTAAAAATTAAT
 GAAAATGTCGCTCCGGGAATGCGTTTTCTCTCCCGAAGCTACTGATCCGGATGTGGACGTGAACCTCTC
 TACAGAGCTACCAGCTCAGTCCCAATAAGCACTTCTCCCTAGTCGTTTCCAGAGCGGTGCTAAGGGCATCAA
 GTACCCGGAGCTGGTGTGGAGCGCCCTAGATCGCGAGGAAGAGGCGATTATCACCTGGTCTCGTG
 GCCTCTGACGGAGGAAACCTCCAGATCTGGCACTGTCTCATCACTGTGACCGTCTTTGATGCAAAATG
 ACAATGCTCCGATCTTACCTCGACTGAATACCGCGTGAACGTTCCGGAGAACCTGCCTGTGGGCACTCG
 GCTGCTAAAGGTAACCGCCACGGACAAAGATGAAGGCGCCAATGGAGAAGTGACATACGCATTCCGACAA
 TCACTGGACGCACAACCTGTCAAATCCAAGTACAGAAAAATACCGGGGAAAATAAACTATCTGAAAATC
 TAGATTATGAAGAAAGGCGTTTCTATGAAATAGAAATCCAAGCCGAGACGGAGGGGCTACCTTGAAC
 TGCAAAGGTGCTGATTACCGTAGAAGATGTCAACGACAACAGTCCGGAGGTGACCATCACATCGCTCTTC
 AGTCCAGTGACAGAAGATTCCCGGTGGAAACCGTTCATCGCCCTTTAAACGTGCACGATTTAGACTCTG
 GGCAGAATGGAGAGGTAACCTGTTCCATCTCTGGGAATCAACCTTTAAATAGAAAAGTCCATTGCAATG
 TTACTATAGGCTAGTGACACAAAACAGCCCTTGATAGGGAGCAGGTACCCTTTACAACATCACAGTAACA
 GCCACTGATGGAGGAAACCCACCTTTGTCAACAAAGCTCACTTCACTCTACAAGTGGCGGATATCAACG
 ACAACCCGCCACCTTCTCTCACTTCTACCTTACCTACATCCCAGAGAAACAATCCCAGAGGTGCCTC
 CATCTTCTCAGTGACTGCCCTCGATCCAGACAGCAAAGAGAATGCCAGATCCTTTACTCTCTGGCTGAA
 GACACCATCGAGGGGGCGCCACTCTCTTACATATCCATCAACTCAGACACTGGCATCCTCTATGCGC
 TCTGGTCTTTGACTATGAGCAGTTCGCGAAGTGCAGGTGCAAGTACTGCTAGCGACAGCGGAAAGCC
 TCCCTCCACAGTAACGTGTCATTGACCCTGTTCTGTGCTAGATCAGAATGACAACCTCCAGAAATCTG
 TACCCACCATGCCACTGACGGTCCACTGGGTAGAGCTTGTCCCGCTCAGCAGAGTTGGGCTATC
 TGGTGACAAAGGTGGTGGCAGTGGACAGAGACTCAGGACAGAACGCTGGCTTTCTATCGTCTTCTCAA
 GGCCAGCGAACAGGACTCTTACCGGTAGGGCTGCACACAGGTGAGGTGCGCACAGCGCGAGCCCTGATG
 GAGAGAGATGCTCTAAGCAGAATCTAGTGGTGGCTGTGCAGGACCACGGCCAGCCCTCTCTCCGCAA
 CGGTCACTTTGACTGTTGCAATAGCTGACAGCATCCCTGATGTTCTGGCAGACTTGAACAACCTGGAGCC
 ACCAAAGGACTCTGAGGCCTCAAGCCTCACACTTACCTAGTAGTGGCAGTGGCAGCGGTCTCTGCATT
 TTTCTCGCCTTCGTCATTGTGTTGTTGGCACTCAAACCTCGGCGCTGGCACAAGTCTCACATGCTGCAGT
 CTTGAGAGATGAATTGCCTGGCGTGCCTGCTCACTATGTGGCGTGGACGGGTGCGTGCTTTCTTCT
 GCAGACCTATTCGACGAGGTTTCCCTCACTGCTGATTCGCGGAAGAGCCATCTGATCTTCCCGCAACCT
 AACTACGCAGACAGCTCATCAGCCAGGAGAGCTGTGAGAAAAAAGATCCTTTGTCTTTGTTAGACGATT
 CGAAGTGTCTGTAGAAGATGCCCTTTGGTGCCACAAGCCCGCCCAACTGACTGGCGTTTCTCTCA
 AGCCAGAGACCCGGCACGAGCGGATCCAAAATGGGGATGAAACCGGCACCTGGCCCAACAACAGTTC
 GATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCTCCACTGTG
 GAGGGGGCACTGGCACTATGGGTTTGGCGCTCGATATGGACCCAGTTTACCCTGCAGCAGTGCCTGA
 CTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCCACTGACCAACGCAGCTGGCAAACGAGATGGC
 AAGGCTCCGGCAGGCGGCAATGGCAACAAGAAGAAGTCCGGCAAGAAAGAGAAGAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001037135
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_001037135.1</u> , <u>NP_001032212.1</u>
RefSeq Size:	4689 bp
RefSeq ORF:	2790 bp
Locus ID:	498849
Cytogenetics:	18p11