

Product datasheet for **RN206474**

Pcdhgb8 (NM_001037159) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhgb8 (NM_001037159) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgb8
Synonyms:	Pcdhgb5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206474 representing NM_001037159
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGCGCAGCGTGAAGCTAGGGAGCAGGACCCTGTGGAGGCAAGTACTCTTTCCCTTCTTGCTGCCTT
 TGTTCTGCACGGGGCTTGCAGAGCAAGTCCGCTACTCTATTCCGGAAGAAATGGCCATGGGTTCCGTCGT
 GGGAAACCTCGCTGAGGACCTGGGGCTGCCTGTTCAGGACTTACTGATTCGCAATCTTAGAGTTATCTCG
 GAGAAACCGTATCTTACTGTGAACCCCGAGAACGGGAACATAGTTGTGAGCGACAAAATAGATCGAGAGT
 TACTCTGCTTCCAAAGCCCTCTGTGTCTGCCCTTAGAGATTGTGGCAGAAAAATCCCTAAACGTTTTT
 TCACGTCAGTGTAGTATAGAAGATATAAATGATAACCCTCCCGTTTCTCCAAAATAGGATTGTTTTG
 CAAATCAATGAATTTGCAATTCAGGCACTAGGTTTGGCTGGAGTCTGCCATAGACGCAGATGTAGGAC
 CGAACTCTCTCCAGATTACCAGCTCAGTTTGAATGAGCACTTCTCTCTGGTGGTGAAGGACAAGACTGA
 AGGAAAGGATGCCCGAGAATTAGTGTGGAGAAACCTCTGGACAGGGAAAAGCAGAGCTCCAGCTCTTG
 GTCCTAACAGCAGTGGATGGGGGAGAACCAGTCTAACTGGTACTGCTCAGATTCAAATCGAAGTCACTG
 ATGCCAATGATAACCCCCAGTGTTCAGCCAAAGTACATACAAAAGTCACTCTTCGAGAGAACATGCCCTC
 AGGCACCTCTGTGCTAACAGTGTGGCTACTGACCCGGATGAGGGTGTCAATGCAGAAATCACCTACTCC
 TTCAAATCACTAGGAGAAGATATTAGAAGTAAGTTTATCCTAGATCATCAAAGTGGAGAAATTAATCCA
 AAGGCCATAGACTTTGAGGCCAGGAGGACTTACACCATGAACATAGAGGCCAAGGATGGTGGCGGCAT
 GGCCACAGAATGTAAGTTGTAATAGAAATTCGATGAGAACGCAATGCCCGAGAAGTGGTTTTTACC
 TCTGTGTCCAATTTCTATAACCGAAGATGCAGAACCGGGACAGTGGTGGCTCTGTTCAAAACATACGATA
 AAGATGCAGAAGAAAATGGAAGAGTGAATTGCTTCGTAAGAAAAGAACAGTTCCTTTTGAATTGAGTCGTC
 TGCCAGCAATTACTATAAGCTTGTAAACAGATGGGATCCCTGGACCGGGAGCAGACTCCAGAGTACAATGTC
 ACCATCGTCGCCACTGATAAAGGCAAGCCCTCTCTCTTCCAGCACAAGTGTACCCTGCATGTTGGGG
 ATGTCAATGACAAATGCTCCAGTTTTCCACCAGGCCTCCTATTTGATCCAAGTAGCTGAAAATAACCCCTCC
 GGGAGCTTCCATTGCTCAGGTCAGCGCCTCCGACCCGGATTTGGGATCCAATGGTCTCATCTCTACTCC
 ATCATAGCCAGCGACCTTGAACCTAAATCACTGTGGTCTATGTGTCTGTGAACCGGGACAGTGGGGTGG
 TGTTTCGCGCAGCGCGCTTCGACCACGAGCAGTGCCTCCTCCAGTGCAGTGCAGGCGCGCGACCA
 GGGATCGCCCGCTCAGCGCAACGTGAGCATGCGCGTCTGGTGGGCGACCGCAATGACAACGCGCCA
 CGCGTGTGTATCCCGCTCTCGAGCCGACGGCTCTGCGCTCTTCGACATGGTGCCTCGCGCTGCCGAGC
 CCGGATACTTGGTCACGAAGGTGGTGGCTGTGGACGCAGACTCAGGACACAATGCCTGGCTGTCTTACCA
 CGTGCTACAGGCCAGCGATCCCGGGCTCTTCCAGCTTGGGGCTGCGCACAGGCGAGGTCCGCACAGCCCGT
 GCCCTGGGAGACAGGGACTCAGCGCGACAGCGCCTACTGGTCGCTGTGCGTGATGGTGGACAGCCGCCCC
 TCTCGGCTACAGCCACGCTGCACCTGATCTTCCGCTGACAGCCTGCAGGAGGTCTCCAGAACTCAGAGA
 TGAGCCTTTGCCGTCTGACCCCCAGAATGAGCTTCAAGTTTACCTGGTGGTGGCCTTGGCCTTAGTCTCA
 GTGCTCTTTCTTTTCTGTGATTCTGGCAATCGCCCTTCGCCTTCGGCAGTCCAGGGTCTGCTGTCT
 CGGGCTGTTTTAGTCAAGCCTTTGCTGAAGACGAGACCAGGGGTTTCTCTCAACTACAGCGAGGGGAC
 TCTTCTTATTCTACAATCTCTACGTTGCCTCCAATTGTCAAAAAATGTCTCAATTTCTTACCTTGACG
 CCAGAAAATGGCCCTCCGCGAGATCTTTGTATGGAAGCTTCCGTGCCAGTGAGTGTCACTGAGGAGAATA
 ACAAGATAGTCTCTGATTCTATTGCTTCAACCAAGCCCCGCCAACACTGACTGGCGTTTTCTCTCA
 AGCCCAGAGACCCGGCACGAGCGGATCCAAAAATGGGGATGAAACCGGCACCTGGCCCAACAACAGTTC
 GATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCTCCACTCTGG
 GAGGGGGCACTGGCACTATGGGTTTGGCGCTCGATATGGACCCAGTTTACCCTGCAGCACGTGCCTGA
 CTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACACTGACCAACGCAGCTGGCAAACGAGATGGC
 AAGGCTCCGGCAGGCGCAATGGCAACAAGAAGAGTCCGGCAAGAAAAGAGAAGAAG**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_001037159
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_001037159.1</u> , <u>NP_001032236.1</u>
RefSeq Size:	4714 bp
RefSeq ORF:	2790 bp
Locus ID:	364845
Cytogenetics:	18p11