

Product datasheet for **RN202012**

Pcdhgb7 (NM_001012215) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhgb7 (NM_001012215) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgb7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202012 representing NM_001012215
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGAGGGAGCAGCGCGGAGGCAGCGCCCCGCGCCCGCAGGTACTGTTTACCCTGCTGCTGCCTT
 TGTTCTGTCCCGCGCTGGGCCAGCCCGTCCGCTACTCCATCCCTGAGGAGCTGGACCGAGGTTCCGGTGGT
 GGGGAACCTCGCTAAGGATCTGGGGCTCAGTGTCTGGAAGTGTGCGCTAGGAAGCTGCGGGTTAGCGCT
 GAGAAGATGCACTTCAGCGTGGATTCCGAGAGCGGGGACTTACTGGTGAAGGACCGCATAGACCGCAGC
 AGATATGCAAAGGGAGGAGAAGGTGTGAGCTACAGTTGGAAGCCGTGCTGGAAAACCTTTAAACATTTT
 TCATGTGGTTGTGAGATTGAAGATGTTAATGATCAGCTCCTCAATTTCCAAAAGACGAAATAAACCTA
 GAGATAAGTGAATCCGTAGCCAGGTGTGAGAACATCTGGAGTCAGCAAAAGATCCTGATATTGGTA
 TGAATTCTCTAAGTAAATATCAGTTAAGTCTAACGACTACTTCTATTGTTGGTGAAGACAATCCGGA
 TGGTACCAAAATACCCAGAATTAGAATTGCAGAAGATGCTGGACCGAGAAACAGAGAGCACACACACCTG
 GTGCTGACAGCTGTAGACGGTGGGGACCGCCCGAAGTGGCACAGCTCAGCTTCGAATCCGAGTGATGG
 ACGCCAATGATAACCTCCAGTGTTCAGCCAAGAAGTGTACAGAGTCCGCGTTCGAGAAGACTTGCTCC
 AGGGACCACCGTCCCTAAGGCTGAGGGCCACGGATCAGGACGAGGGCATCAATGCAGAGTTCACATATTCC
 TTCCTGGGTGTGGCTAACAAAGCCAGCAGAGTTCTCTCTGGATCCCGTAACAGGAGATATAATAACTC
 TACAGTCGTTAGACTTTGAAGAAGTAGAACATATACGATTGATGTGGAGGCGAAGGATCGAGGATCTCT
 TTCTTCGAGTGTAAAGTAATTATAGAAGTTCTGGATGAGAACGACAACCGCCAGAAATAATCATCACT
 TCTCTCTCGGATCAGATTTTGGAGGATCCCTTCCGGAACGGTTGTGGCCCTCTCAAGGTACGGGATC
 GAGATTCTGGGAAAACGAGAAGTCACTTGCAGTTTAAAGCGGAAACAACCCATTTAAGATTCACTTCTC
 TTCCAATAATTACTACAAGTTAGTAACAGATAGCATCCTAGATCGAGAACAGACACCGGGTACAACGTC
 ACTATCACAGCCACAGATAGGGCAAGCGCCCTTCTCTCAGCACAACCATCACTCTGAATGTCGCTG
 ATGTCAACGACAATGCGCCAGTTTCCAAACAGCAGGCCTACCTAATAAACGTACCAGAAAACAACAGCC
 CGGTACGTCCATAACTCAAGTCAGAGCATGGGATCCAGATGTGGGATCCAATGGCCTCGTCTCTACTCC
 ATCATAGCTAGCGACCTAGAACAAAAGTGTGTATCCTTCTGTCTGTGAACAGGACAGTGGGGTGG
 TGTTTCGCGCAGCGCCTTCGACCACGAGCAGTGCCTCTTCCAGCTGACTCTACAGGCGCGAGACCA
 GGGATCGCCTGCGCTCAGCGCCAACGTGAGCATGCGCTGCTGGTGGGCGACCGCAATGACAACGCGCCA
 CGCGTGTGTATCCCGCTCTCGAGCCGACGGCTCTGCGCTCTTCGATATGGTGCCGCGCGCTGCCGAGC
 CCGGATACTTGGTCACGAAGGTGGTGGCTGTGGATGCCGACTCGGGACACAATGCCTGGCTGTCTTACCA
 CGTGTTCAGGCCAGTGATCCCGGGCTCTTCAGCTGGGGCTGCGCACAGGCGAGGTGCGCACAGCGCGT
 GCCTTGGGCGATAAGGATGCAGCTCGTCAGCGCCTTCTGGTGGTGTGCGTGATGGTGGACAGCCACCCC
 TGTCCGCTACTGCTACACTGCTTCTAGTTTTGCGAGACCCCTACAAGAAGCGTTGCCAGACCTCGTCGA
 TCATCCCATCCCCCGACCCCTCAGAGTGAGCTTCAAGTTTACCTGGTGGTGGCCTTGGCCCTGATCTCG
 GTGCTTTTCTCTCGCAATAATTTTGGCCATTGCTTTGCGCCTGCGACAGTCTTCCAGCCCATCAACCA
 CTGGTTGCTTTGGTGGTCTTGGTTCCAAGTCTAGACCAAGTACTTCCACCCAACTCCAGTGAGGGGAC
 ATTGCCATATGCCTATAATGTGTGCGTGCCAGGAGATCAACTTAAGCCAGAATTTAATTTTCTCACATCC
 GTTGGAGATTATCCTGCCGACAAGATCTTCTCAACAAAGATAGCTCCTCGGCACTGCTGGCTAGCATTT
 TAACTCCTGGCGTGGAAGCAGACGAGCAGACCTTTAACCAGCAAGCCCCGCCAACACTGACTGGCGTTT
 CTCTAAGCCCAGAGACCCGGCACGAGCGGATCCCAAAATGGGGATGAAACCGGCACCTGGCCCAACAAC
 CAGTTCGATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGTGAAGCCGCTGATGGGAGCTCCA
 CTCTGGGAGGGGGCACTGGCACTATGGGTTTGAAGCGCTGATATGGACCCAGTTTACCTGCAGCAGT
 GCCTGACTACCGCCAGAAGGTGTACATCCCTGGCAGCAATGCCCACTGACCAACGCAGCTGGCAAACGA
 GATGGCAAGGCTCCGGCAGGCGGCAATGGCAACAAGAAGAAGTCGGGCAAGAAAGAGAAGAAGTAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
 ACCN: NM_001012215

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:	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_001012215.1, NP_001012215.1</u>
RefSeq Size:	4748 bp
RefSeq ORF:	2796 bp
Locus ID:	364844
Cytogenetics:	18p11