

Product datasheet for **MC222647**

Pcdhgb5 (NM_033577) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhgb5 (NM_033577) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgb5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222647 representing NM_033577
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGGGAGGGCACTGCTGAGAGGGGCCGGGACAGAGGCCGCAATGCTCCTTCCCTTCTGCTGCCTT
 TGTTCTGCCCCGCGTCTCTGAGCAGATCCGCTACAAGATCCCCGAGGAAATGCCACCGGCTCGGTAGT
 GGGGAACCTCGCCAAGGACCTGGGCTTCAAGTGTCCAGGAGTTACCGACTCGAAAGCTACGCATCAGTTCT
 GAGAAGCCTTACTTCAAGTGTGAGCTCAGAGAGCGGAGAGTTGCTAGTAAGCAGCAGGCTGGACAGGGAGC
 AGATATGCGGGAAGAAGCTGGTGTGTGCTCTGGAATTTGAGGCTGTTGCTGAAAACTCACTGAACTTTTA
 TCATGTGAGTGTGGAGCTGGAGGACATTAATGACCACACGCCAAACTTCACGCACACTTTCTCGAACTG
 CAAATAAGTGAGTCTGCTCAACCGGCACTCGTTCATTTTAGAAGTAGCAGAAGATGCAGATATTGCCT
 TAAATTCGCTACAGAATTATAAACTCTCTCTAGCCCTGGTTTCTCCCTGGTGAATAAAGAAAAACAAGA
 TGGTCTGAAGTACCCGGAATTGGTATTGGAGAAAACTTTAGACCGCGAGCAACAGAATTACTACCGACTA
 GTCCTGACAGCCTTAGACGGCGGGGATCCTCCCCTAAGTGGCACCCTGAGCTGCGAATCCAAGTCACTG
 ATGCCAACGACAACCCCCCTGTGTTCAACCAGGAAGTGTACAAAGTCCGCTTCCCTGAGAACGTGCCCCC
 AGGTACAACCGTGTACGAGTGACAGCTACAGATAAAGATGAGGGCGTGAATTCAGAGATTTCTTATTCC
 TTTACAGAGCTGGGCAAGTGTGGTCTAAATTCAAAGAGTGGAGAAATATAACACAGAAAACACTAG
 ATTTTCAAGAAATCAAAGAATATTCTATAGTAGTGAAGCGCGGGATGGCGGAGGCTGGTTGCACAATG
 TACAGTTGAAATTAACATTCAAGATGAAAACGACAACAGACCAGAAATTAAGTGTCCGTTCTCTGCTAGAG
 ATGATTCAGAGAACGCACCGCCGGGAACACTAATTGCTTTGATCAAAAATACACGACGGAGATTTGGAG
 AAAACGGGGAGGTTAATTGTGCGACTAGACGATGAAGTGCCTTTAAAATTAATCTCTTCTCCAAAAACT
 GTATAAATTGGTTACGGATAGAGCCTTAGACCGAGAGCTGACTCCAGAATAACAATGTGACCATTACGGCC
 ACTGACAGAGGCAAGCCACCCCTTCCCTCCAGCACAAAAGTCAACCTACACGTTGGTGAAGTCAATGACA
 ACGCTCCGCTTTTCCACAGGCCTCCTACTTGGTGTACATAGCTGAGAACAACCCACCTGGAGCTCCAT
 CGCTCAAGTCAGCGCCTCCGACCCGGATCTGGGATCCAATGGTCATGTCTCCTACTCCATCATAGCTAGT
 GACCTGGAGCCTAAATCGCTGTGGTCTACGTGACCGTGAATGCGCAGAGCGGAGTGGTGTTCGCGCAGC
 GCGCCTTCGACCAGGACGCTGCGCTCCTCCAGCTGACACTGCAGGCGCGGGACCACGGATCGCCAC
 ACTCAGCGCAACGTGAGCATGCGCGTGTGGTGGCGACCGCAACGACAACGCGCCACGCGTTTTGTAT
 CCCGCGCTCGAGCCCAGCGCTCTGCGCTTTCGACATGGTGCCGCGCTGCCAGCCCGGATACCTGG
 TAACCAAAGTGGTGGCGGTGGACGCAGACTCGGGACACAATGCCTGGCTGTCTACCACGTGCTGCAGGC
 CAGCGATCCCAGGCTCTTCAGCCTGGGACTGCGCACGGGCGAGGTGCGCACAGCGCGTGCCTTGGGCGAA
 AAGGATGCTGCGCGCAGCGCCTGTTGGTGGTGGTTCGCGATGGTGGACAGCCACCCCTCTCGGCCACCG
 CCACGCTGCTTAGTATTTCGCTGATAGCTTGCAGGAGGCCCTGCCAGACCTCAGTGACCACTACTGCC
 CCCTGATCCTCAAGCCGAGTGCAGTTCTACTTGGTGGTGGCCTTGGCCTTAGTTTCTGTGCTTTTCTC
 CTGGCTGTGATTCTAGCCATCGCACTTCGACTGCGACACTCCTCCAGCCCTCGGTCTGGAATTGCTTTC
 AGCCTGGATTTTGTCTGAATCTAAGCCTGTGGTTTTCCCAACTATAGTGAAGTACTTTGCCGTATTC
 CTATAATCTGTATGGTGCACATGCTGGAAAGACCGAGTGAATTTCTAAAATGTAGTGAGCCATTAAGT
 TCTGGACAAGGCCTTCTTGGCCTGAGTCATCTGGGGCCTTGTTCCTCTTTGTGATTCCAGTGAGCCGA
 CTTCCACCCCGAACCTTAACACCGAAGCCCGCCAACTGACTGGCGTTTCTCTCAAGCCAGAG
 ACCCGGCACGAGCGGATCCAAAATGGTGTGAACTGGCACCTGGCCAAACAACCGATTTGATACAGAG
 ATGCTGCAAGCCATGATCTTGGCCTCTGCCAGCAAGCTGCTGATGGGAGCTCTACCCTGGGAGGGGGCG
 CTGGCACCATGGGTCTGAGCGCTCGATACGGACCCAGTTTACCCTGCAGCAGTGCCTGACTACCGCCA
 GAACGTGTACATCCCTGGCAGCAATGCCAGCTGACCAATGCCGCTGGCAAACGAGATGGCAAGGCTCCA
 GCAGGTGTAATGGCAACAAGAAGAAATCGGGCAAGAAGAGAAGAAGTAA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_033577
Insert Size:	2781 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_033577.1</u> , <u>NP_291055.1</u>
RefSeq Size:	4522 bp
RefSeq ORF:	2781 bp
Locus ID:	93702
Cytogenetics:	18 B3