

Product datasheet for **MC222697**

Pcdhgb8 (NM_033580) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdhgb8 (NM_033580) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgb8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222697 representing NM_033580
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCGCAGCAGCGTGAAGCTAGGGAGCAGGACCCCGTGGAGCAAGTACTCTTTCCCTTCTTGTCTGC
 CTTTGTCTGCACGGGGCTCTCAGAGCAAGTCCGGTACTCTATTCCGGAAGAAAATGGCCATGGGTTCAGT
 CGTGGGAAATCTCGTGAGGACCTGGGGCTGCCTGTTCAGGACTTACTGACAAGAAACCTTAGAGTTATT
 GCAGAGAAACCGTATCTTTCTGTGAACCCAGAGAACGGGAACATAGTTGTGAGCGACAGAATAGACCCGAG
 AGTTTCTCTGCTTCCAAAGCCCTCTGTGCGTCTGCCCTTAGAGATTGTGGCAGAAAAATCCCCTAAACGT
 TTTTCACGTCAGCGTGGTGATAGAAGATATAAATGATAACCCCTCCCCGTTTCTCCAAAAATGCAATTGTT
 TTGCAATCAATGAACCTGCGATTCCAGGCACTAGGTTTGGCCTGGAATCTGCCATAGATGCAGATGTAG
 GGCTGAACCTCTCCAGAGTTACCAACTCAGTTTGAATGAGCACTTCTCTGGTGGTAAAGGACAACAC
 TGAAGGAAAGGATGCCCCGAATTAGTGTGGAGAAGCCTCTGGACAGGAAAAACAGAGCTCCAGCTC
 TTGGTCTCAACCGCAGTAGATGGGGGAGAACAGTCTAACGGGCACCGCTCAGATTCAGATCGAGGTCA
 CTGATGCCAATGATAACCCCCAGTGTTTCAGCCAAAGTACGTACAAAGTCACTTAGAGAGGACATGGC
 CGCAGGCACGTCTGTGCTAACAGTGATAGCCACTGACCAGGATGAGGGTGTCAACGCAGAAAGTCACTAC
 TCCTTCAAATCACTAGGAGAAGATATTAGAGATAAGTTTATCCTAGATCATCAAAGTGGAGAAAATTAAT
 CCAAAGGCCCTATTGACTTTGAAACCAAGAGGACTTACACCATGAACATAGAGGCCAAGGACGGTGGAGG
 CATGGCCTCAGAATGTAAGTTGTAGTGGAAAATTCGATGAGAACGACAATGCCCCAGAAGTGGTTTTT
 ACTTCCGTGTCCAATTCTATAACCGAAGATGCAGAACCGGGACAGTGGTGGCTGTGTTCAAACGATG
 ATAAAGATTGAGAAGAAAATGGAAGAGTGAGTTGCTTCGTAAGAAAGAACCGTTCTTTTAGGATTGAATC
 TTCTGCCAGCAATTAATAAGCTTGTAAACAGATGGGATCCTGGACCGGAGCAGACTCCAGAGTACAAC
 GTCACCATCATCGCCACTGATAAAGGCAAGCCCTCTCTTCCAGCACAAGCGTTACCTGCATGTTG
 GGGATATCAATGACAATGCTCCAGTTTTCCACCAGACCTCCTATTTGATCCAAGTGGCTGAGAACAACCC
 TCCTGGAGCTTCCATTGCTCAGGTCAGCGCCTTCGACCCGGATTTGGGATCCAATGGTTTCATCTCTAC
 TCCATCATAGCCAGCGACCTAGAGCCTAAATCACTGTGGTCTACGTGTCGGTGAACAGGATAGTGGCG
 TGGTGTTCGCGCAGCGCCCTTCGACCACGAACAGCTGCGCTCCTTCCAGCTGACACTGCAGGCGCGCA
 CCAGGAAAGCCCTCGCTCAGCGCAACGTGAGCATGCGGGTGTGGTGGGTGACCGCAACGACAACGCG
 CCACGCGTGTGTATCCACACTCGAGCCGACGGCTCTGCGCTTTCGACATGGTGCCCGTGTGCGC
 AGCCCGGATACCTGGTACCAAAGTGGTGGCGGTGGATGCAGACTCTGGACACAATGCCTGGCTATCTTA
 CCACGTGTGCAGGCCAGCGATCCCGGGCTCTTCAAGCTGGGACTGCGCACAGGCGAGGTGCGCACAGCG
 CGTGCCCTGGGAGACAGGGACTCAGCGCGGCAGCGCCTTCTGGTCTGTGCGTGATGGTGGACAACCAC
 CGCTCTCGGCTACAGCCACGCTGCACCTCATCTTCGCTGACAGCTGCAGGAGGTCTGCCAGACCTCAG
 AGATGAACCTTTGCTGTCTGACTCCCAAAGTGAGCTTCAGTTTTACCTGGTGGTGGCCTTGGCCTTGGTC
 TCAGTGCTCTTTCTTTTCGTTGTGATCCTGGCCATTGCCTTCGCCTTCGACAGTCCCATGGTCTGTGCT
 TCTCAGACTATTTTCAGTCGGGCCTCTGCTGTAAGACGAGACCAGAGGTTTCTCAACTACAGCGAGGG
 GACTCTTCCTTATTCTACAATCTCTATGTTGCCTCCAATTGTCAAAGACAATTTCTCAATTTCTTACC
 TTGACTCCAGAAATGGTCCCTCCGCGAGACCTTTGTACGGAAGCTTCTGTAGCAGTGAGTGTGCTGAGG
 AGAATAACAAGATAGTCTCGATTCTATTGCTTCTAATACCAAGCCCGCCCAACTGACTGGCGTTT
 CTCTCAAGCCCAGAGACCCGGCAGCGGATCCCAAAATGGTGTGAAACTGGCACCTGGCCCAACAAC
 CAGTTTGTATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGCGAAGCTGCTGATGGGAGCTTA
 CCCTGGGAGGGGGCGCTGGCACCATGGGTCTGAGCGCTCGATACGGACCCAGTTTACCCTGCAGCACGT
 GCCTGACTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCACGCTGACCAATGCCGCTGGCAAACGA
 GATGGCAAGGCTCCAGCAGGTGGTAATGGCAACAAGAAGAAATCGGGCAAGAAAGAGAAGAAG**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_033580

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:	<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_033580.2</u> , <u>NP_291058.1</u>
RefSeq Size:	4645 bp
RefSeq ORF:	2796 bp
Locus ID:	93705
Cytogenetics:	18 B3