

## Product datasheet for **MC222696**

### **Pcdhgb7 (NM\_033579) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhgb7 (NM_033579) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhgb7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >MC222696 representing NM\_033579  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGAGGGAGCAGCGCGGGAGGAAGCGCCCCGGCCCGCCGAGTACTGTTTATCCTGCTGCTGCCTT  
 TGTTCTGTCCCGCTGGGCCAGCCGGTCCGCTACTCCATCCCTGAGGAGCTGGACCGGGTCCGTGGT  
 GGGGAAGCTCGCAAGGACCTGGGGCTCAGTGTCTGGAAGTGTGCGCTCGGAAGCTGCGGGTCAGCGCT  
 GAGAAGCTGCACTTCAGCGTGGATTTCGGAGAGCGGGGACTTACTGGTGAAGGACCGCATAGATCGCGAGC  
 AAATATGCAAAGGGAGGAGAAAGTGTGAGCTGCAGTTGGAAGCTGTGCTAGAAAACCTTTAAATATTTT  
 TCATGTCGTTGTGGAGATTGAGGATGTTAATGATCAGCTCCTCAATTTCCAAAAGACGAAATAAACCTA  
 GAGATAAGTGAATCCGACAGCCAGGGGCGAGAACAATTCTGGAGTCAGCAAAGATCTTGACATTGGTA  
 TGATTCTCTAAGTAAATACCAGTTAAGTCTAACGACTACTTTTTATTGTTGGTAAAGACAATCTGA  
 TGGTAGTAAATACCCAGAATTAGAATTGAAAAGATGCTGGACCGAGAAGCAGAGACACACACCACCTG  
 ATGCTGACTGCTGTAGATGGTGGGGACCCGCCGCTACTGGTACTACTCAGCTCCGAATCCGAGTGGTGG  
 ACGCAATGATAACCGCCAGTGTTCAGCCAAGACGTGTACAGAGTCCGCCTCCAGAAGACTTGCCTCC  
 AGGAACCACAGTCTAAGGCTAAAGGCAATGGATCAAGACGAGGGCATCAATGCAGAATTTACATATTCC  
 TTCTAGTGTGGCTAACAAAGCCAGTTCTCTCTGGATCCCATAACAGGAGATATTGTAACCTCGCCAGT  
 CGTTGGATTTTGAAGAAGTAGAGCAATACGATTGATGTGGAGGCAAAGGACCGAGGATCTCTTTCTTC  
 ACAGTGTAAAGTAATTAAGAGTTCTAGATGAGAACGACAACCGCCAGAAATAATCATCACTTCTCTC  
 TCTGATCAGATTCGGAGGATTCCTTCCGGAAGTGTGTGGCCCTTCAAGGTACGGGATCGAGATT  
 CTGGGGAAAACGCAGAAAGTCAATGTGCAGTTTAAAGCGGAAAACAATCCATTTAAGATTCATTTTCCAA  
 CAATTAACAAGTTAGTAACAGATAGCATCCTAGACCGGGAACAGACCCAGGGTACAACGTTACTATC  
 ACAGCCACTGATAGGGGCAAGCCGCCCTTTCCTCCAGCAACAACCATCACTCTGAACGTCGCTGATGTCA  
 ACGACAATGCACCTGTTTTCCAACAGCAGGCTACCTGATAAACGTAGCAGAAAACAACAGCCCGGTAC  
 CTCCATAACCCAAGTCAAAGCATGGGATCCAGATGTGGGATCCAATGGCCTCGTCTCCTACTCCATCATA  
 GCCAGCGACCTAGAACAAAAGCGCTGTCGTCTTCGTGTCCGTGAACAGGACAGTGGAGTAGGTACG  
 CGCAGCGTGCCTTTGACCATGAGCAGATTGCTCCTTCCAGCTGACTTTACAAGCGGAGACCAGGGGTC  
 GCCTGCGCTCAGCGCAACGTGAGCATGCGCGTGTGGTGGACGACCGCAACGACAACCGCCACGCGTG  
 CTGTATCCACGCTGGAGCCGATGGCTCTGCACTCTTCGACATGGTACCCCGTGCCGCTGAGCCTGGAT  
 ACCTGGTCACCAAGTGGTGGCTGTGGATGCAGACTCAGGACACAATGCCTGGCTGTCTTACCACGTGCT  
 GCAGGCCAGCGATCCCGGTCTCTTCAGCCTGGGGCTGCGCACGGGCGAGGTGCGCACAGCGCGTGCCTTG  
 AGCGACAAGGATGCAGCTCGTCAGCGCCTTCTGGTCTGCTGTGCGTGTGGTGGACAGCCACCTCTGTCTG  
 CCACTGTACTACTGCTCCTAGTTTTTGCAGACAGCCTACAAGAAGCGTTGCCAGACCTCGTCGATCATCC  
 CATCCCCCTCCGACCTCAGAGTGAGCTTCAGTTTTACCTGGTGGTGGCTTTGGCCTTGATCTCAGTGCTT  
 TTCTTCTCGCAGTAATTTTCGCCATTGCTTTGCGCCTGCGACAGTCTCCAGCCCTTATCCACTGGTT  
 GCTTTGGGTCGGTCTTGGTTCCAAATCTAGACCAGTACTCCACCAACTACAGCGAGGGAACATTGCC  
 CTATGCCTATAATCTGTGCGTGCCGGGAGATCACTTAAACCAGAAATTAATTACTTCTCATCCGTTGGA  
 GATTGTCCAGCCGACAAGATATTCTCAACAAAGATAGCTCCTCGCAGTGTGGCTAGTATTTAACTC  
 CTGGTGTGAAGCAGACGAGAAGACCTTAAACCAGCAAGCCCGCCCAACTGACTGGCGTTTCTCTCA  
 AGCCAGAGACCCGGCACGAGCGGATCCAAAATGGTGTGAAACTGGCACCTGGCCCAACAACAGTTT  
 GATACAGAGATGCTGCAAGCCATGATCTTGGCCTCTGCCAGCAAGCTGCTGATGGGAGCTCTACCTGG  
 GAGGGGGCGTGGCACCATGGGTCTGAGCGCTCGATACGGACCCAGTTTACCCTGCAGCAGTGCCTGA  
 CTACCGCCAGAACGTGTACATCCCTGGCAGCAATGCCAGCTGACCAATGCCGCTGGCAAACGAGATGCC  
 AAGGCTCCAGCAGGTGGTAAATGGCAACAAGAAGAAATCGGGCAAGAAAGAGAAGAAG**TAA**

AC**GGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA  
 TTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-NotI  
**ACCN:** NM\_033579

<b>Insert Size:</b>	2790 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_033579.1</a></u> , <u><a href="#">NP_291057.1</a></u>
<b>RefSeq Size:</b>	4531 bp
<b>RefSeq ORF:</b>	2790 bp
<b>Locus ID:</b>	93704
<b>Cytogenetics:</b>	18 B3