

## Product datasheet for **MC221718**

### **Pcdhb13 (NM\_053138) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhb13 (NM_053138) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhb13
Synonyms:	Pcdbh6; PcdhbM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221718 representing NM\_053138  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCACACGCAAAAATGTGGTGAAGACAAGGCAAGTATGGTTTTGATTACATCGATGCTTTTGTGGG  
 AGGTGGGTTCAAGATCAATTCAAGTATGCCATGCTGGAGGAGACAGAAAGTGGCACGTTTGTGGCCAACCT  
 GACTAAGCACTTGGGGCTAAGGGTGGGAGAAGTGGCTGCTCGGGATGCTAGAGTGGTTTTCAAGGGGAAC  
 AGACAGTATTTGCAGCTTACCCTCAGACCCAGGATTTGATGCTAAATGAAAACCTGGACCGGGAGGAAC  
 TGTGTGGCTCCACAGAACCTTGTGTGCTGCTTTCCGGGTGTTACTAAAAATCCTTTCAGTTTTATCA  
 AGCTGAAGTGAAGTTATAGATATAAATGACCACGCCCCAGATTTCTGCCAGAGAAATGCTCCTTAAA  
 ATATCAGAAATAGCTCCACCTGGAAAGATATCCCTTTGAAAATGGCACAGGACTTAGACACTGGCAGCC  
 ACAGCATTAGAGCTACACTGTCAGTGATAACCCCTCACTCCACGTGCTCACTCGCAATCGCAGCGATGG  
 CAAGAAGTCCCTGAGCTAGTGTGGACAAGGCTTTGGACCGTGAGAAGCAAGACCAGCTCAGACTAAAG  
 CTAAGTGGGATGGTGGGTCTCCGCCAGGTCAAGGACCACAGAAATCAAATATTAGTCTTAGATA  
 TAAATGACAACACGCGGAATTTGCTCAGGAGCTCTATGAGGTCCAAGTTCCTGAGAACAGTCCCATTGG  
 CTAAGTCTTATTACAGTCTCAGCAAGAGATTTAGATGCAGGACCTTTGGGGAGGTGTCTTATGGACTG  
 TCTCAAGATGATGATGTTAACGAGCCTTTTGAATAAACACAAAGACAGGAGAAATTCGACTGAAAAGCA  
 CGTTGGATTTTGAAGCATTCCAGTCTTACCATGTGGATGTCGAGGCCCTAGATGGTGGCGGGCTAACAGG  
 AAAATGCTCCTTAGTCGTCGAAGTATTGGACGTGAATGATAACGCTCCAGAAGTATCCTATCCTCACTC  
 AACAGCCCCATCCCTGAAAATTTGCCAGGTATCATAGTGGCAGTATTCAAGTGTTCAGATGCGGACTCTG  
 GAAATAACAGCAGGTTATGTGTTCCATAGATGACAATCTCCGTTTCTTCTAAGACCATCTATGGAGAA  
 TTTCTATACTCTGAAAACAGATGGGGCACTAGACAGAGAGAGCAGATCTGAATACAATATTACCATCACA  
 GTCACCGACATGGGCACACCCAGGCTCACAAACAGCACAAATAAACAGTGCAGGTGTCTGACATCAACG  
 ACAATGCCCTGCCTTACCCAAACCTCTACACCTTGTTCGTCACGAGAAACAACAGCCCCGCCCTGCA  
 CATAGGCACCATCAGTGCACAGACTCAGATTCAGGCTCCAATGCCACATCACCTACTCACTGCTGCTG  
 CCTCAGGACAAGCAGCTGACCCTCACCTCGCTGGTCTCCATCAACGCAGACAACGGGCAACTGTTTGGCG  
 TCAGGGCTCTGGACTATGAGGCCCTGCAGGCCCTCGAGTCCGCGTAGACGCCACAGACCAAGGTTCTCC  
 AGCGCTCAGCAGCAAGTGTGGTGCCTGGTGGTGTGGACGACAATGACAATGCGCCCTTCGTGCTC  
 TACCCGATGCAGAATGCCTCTGCACCCTGCACAGAGCTGCTTCCAGGGCTGCAGAGCCCGGATACCTGG  
 TCACCAAGGTGGTGGCAGTTGACCGGCACTCTGGCCAGAATGCCTGGCTGTCACTTCAACTGTTCAGGC  
 CACGGAGCCTGGACTGTTTAGTGTGTGGGCGACAATGGCGAAGTGCACACCACAGGCTGCTGAGCGAG  
 CGCGATGTGCCAAGCACAGGCTGCTGCTGCTGGTCAAGGACAATGGAGAACCTCCACGCTCTGCCAGTG  
 TCACTTTCATGTGCTGCTGGTGGATGGCTTCTCTCAGCCCTACCTGCCTCTGCCAGAGGTGGCGCAGGA  
 CTCCACAGAGGATGCTGAAGATGCGCTCACGTTATACCTGGTTATTGCCTTAGCATCTGTATCTTCGCTC  
 TTCTCTTGTCTGTGGTGTGTTGTGGGGTGGAGGCTGTGCAAGAAGTTCAGAGCGGCCTCTCTCGGTG  
 GCTACTCTGTGCCTGAGGGACACTTTCTGGCCATCTGGTGGATGTCAGCGCGCTGGGACTCTTCCCA  
 GAGTACCAGTATGAGGTGTCTGAGAGGAGACTGGGACTGGTGGTCAAATTCGAAAGGCAATT  
 AATCCCACTTTCTTCTGTGCCCTCTGAGAGGAACACAGAGGAAAGTCTACTCTCGGAATAGCTTCT  
 TATTCATCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_053138  
**Insert Size:** 2391 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>	<a href="#">NM_053138.2</a> , <a href="#">NP_444368.1</a>
<b>RefSeq Size:</b>	3693 bp
<b>RefSeq ORF:</b>	2391 bp
<b>Locus ID:</b>	93884
<b>Cytogenetics:</b>	18 B3