

## Product datasheet for **MC222888**

### **Pcdhac1 (NM\_001003671) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pcdhac1 (NM_001003671) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdhac1
Synonyms:	CNRc1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222888 representing NM\_001003671  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTGGGCTGGGAATGGCGTCTCTGTGGTGGTGGTCTCTTGTGGTGTGCAGCGGGACAGCTGGAGT  
 ATTCGGTGTGGAGGAGACGGAACCGGGAGTACTGTAGGCAATATCGCCTCGGACTTGAAGCTGTCAAGC  
 AGCTGTTCTGTCTTGGGAACCTTCGCTTCTTTCCAACACAGAGAGTCTACTTCGGGGTTCGACCTG  
 GGCAGCGGTAGCTTGGTGGTTCAAGAGCTAGCGGACCGGAGCAGTTGTGCCCGCCAAAGCTTCTTGCA  
 TCCTGACATATGAGCTAATGTTTGAGGACCCTCTAGAGCTGCACAAAATACGTGTTACCTTCTAGACAC  
 CAACGACAATTCACCTCTCTCCCTGCTGGAGATGTGCACTTGCACATCCCGGAGTTCCTGCCACCGGGA  
 GCCCGTTCACTTCCGAATGCCAAGATGCCGATGAGGGAAGCAACGGCGCGTAAGTTACAGCCTAA  
 GCATTAGCCAGCACTTTCGCTGGACATGGGATCGCGGGTGCATGGTAGCAAATACCCAGAGCTGGTGT  
 AGAGAAAGCGCTGGATCGAGAGCAGCGGGACCCACCTGCTGGTGTCTACTGCTCAGGATGGTGGCCTG  
 CCTGCACGCTCTGGGGCCGCTCAAGTCACTATCACTGTGGTGGACACCAACGACAATGCACCTGTATTTG  
 AGCACTCCGTATACAGTACTAAGGTTCCAGAGACTGCACCCAATGGAAGTGTGCTATTCCACGTTAAGC  
 CTTGGATCCGGATGAAGGATCCAATGGAGAAGTCTGGTACTCCTTAAGCAATAGCACACCAGCAGAGCTG  
 AGGCACCTCTTTCACGTACATCTAAAAGTGGGGAGGTTCAAGTAGTGTCTTACTAGGTTCCACCAGAAA  
 CGTTATTGGAAGCATTGTTGAAGCAAGAGATGAAGGTGCTTTTAGTCTAGCTAGCACTACTAACTGCT  
 TGTGGAGTGACTGATGTGAACGATCATGCCCCAGATGGACTTCATGACCTTCTCCAGCTCAATACTC  
 GAGGATGCAGCTCCTGGCACAGTGATTGCTCTCCTTAGTGTAAAGGATGAGGACCTAGGTTCCAATGGTA  
 AGGTCACCTGTAGCATGTCCAGCAAAGGCCCTTTCAGTTGAAGGCTTCTTTGATAGCTACTACAGACT  
 GCTGACCGATGGGCCCTGGATCGGGAGCAAGCAAGTGAATACCAGATCCTGATCTCTGCTTCAGACGGT  
 GGCTACCCCCATTAAGTACCCGAAGGACACTCACTGTGTGAGTGTGATGTGAATGACAACACACCAA  
 ACTTCTCAACCACAACAGGACTTTTTGTGGCTGAAAACAATAGCCCTGGAGTTTCTTAGGCGGTGT  
 GTTTGCTCAGGACCCAGATCTGGGGGAGAATGGCTTTGTCTTTATGAGCTGTTGGATGTCATTTCTGAA  
 CGGATGCCAGTTTCTCCAGCTTGGTGGCAGTGGAAACCAACCACTGGTGTATCACTGCCAAAATCTCT  
 TTGACTTTGAGCAGCTCAGGGGTTAACTTCCAAGTGAAGGCCGAGATGGTGGCATTCTCCAGAAAG  
 TGCAACAGTGACTGTGAACCTGTTTGTGGTAGACAGGAATGACAATGCACCAGACATCTGTTTCCCTTG  
 CCTAGAAATGGCTCTATCCAGTGGAAAGAGTGGCCCGCTTGGCCGAGCTGGACACCTAGTCACAAAAG  
 TGGTAGCAGAGGATGCAGACAGTGGTCCAATGCCTGGCTCTCCTACCACATTTCTCAGGCTTCTGACTC  
 TAGTCTTTTCAAGATTTAGTCAACACCCGAGAGCTGCGAACTGCACGTTTAGTGTTCCTCACTGATGCG  
 GTCAAGCAGAGCGTGGTGGTAGTGGTTCAGGACCAGGAGGCCACCGCTTCTCCTCTGTTATTCTGG  
 GTGTGCTGTTGAGCAACGCAGCTCCTCAGGTCATTCCAGACTTTGAAGATATCTGGGAACCAAGAGCACA  
 GCTTCTGCCCGAACTTGACTTGATAATAGCCCTGGTCTGCATTTCTTTTTATTTCTGGGGTGTCTG  
 TTTTTCTTTGTGTGCATCAAGTTGAACCAGAGCCAGATTGTTGCTCTCAGAACTTCTGTCACTTCCAG  
 AAAATGAGAGACACAAGAGGACGATGGCTTCTAGTCTTGGGTGACATCAGCCACAATAGATGTCACCAC  
 AGTCGAGAGACTTCTCAGACATATCTCTATCAAGCTTCTCTGGGACCTGGTTATGGTAATAACAGCTTT  
 TTCTTGATGGGAAATACAAGGCTGCTGATCTGAGAAATCTGGCCCTGGTGTAGGAATGAATTTGCCAG  
 TATCCTGTGTTAGATTGGAATAGGAAAGGGATCATTCAAATGTGGAAGCCGTGCCCGGCAGCCCAA  
 CCCTGACTGGCGTACTCTGCCTCGCTAAGAGCAGGCATGCACAGCTCTGTGCACCTGGAGGAGGCTGGC  
 ATTCTACGGGCTGGTCCAGGAGGCTGATCAGCAGTGGCCAACAGTATCCAGTGAACACCAGAACCTG  
 AGGCAGGAGAGGTGTCCCTCCGGTGGGCGCCGGTGTCAACAGCAACAGCTGGACCTTAAATACGGACC  
 AGGCAACCCAAACAGTCCGGTCCGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
 ATCTCCATCCGGCAGGAGCTGTAAACAACAAATGACAAAAGCGATTTTATAACCTTCGGCAAAAAGG  
 AGGAGACCAAGAAAAAGAAGAAAAAGAAGGGTAACAAGACCCAGGAGAAAAAGAGAAAGGGAACAG  
 CACGACGGACAACAGTGACCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001003671
<b>Insert Size:</b>	2895 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_001003671.1</a></u> , <u><a href="#">NP_001003671.1</a></u>
<b>RefSeq Size:</b>	5296 bp
<b>RefSeq ORF:</b>	2895 bp
<b>Locus ID:</b>	353236
<b>Cytogenetics:</b>	18 B3