

## Product datasheet for **MC224089**

### **Pcdh7 (NM\_001122758) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pcdh7 (NM_001122758) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcdh7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224089 representing NM_001122758 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGAGGATGCGGACCACGGGATGGGCGCGGGCTGGTGTGGGCTGTTGTCTCCTTCTGCCGCTCT  
GCTTCAGCCTGGCCGCCCAAGCAGCTGCTCCGGTACCGGCTGGCCGAGGAGGGCCCCGCCGAGTGGC  
GATCGGCAATGTGGCCTCGGACCTGGGCATCGTGACCGGCTCCGGCGAGGTGACTTTCAGCCTTGAGTCT  
GGTTCTGAGTATCTGAAGATTGACAACCTACCGGCGAGCTGAGCACCAGTGAGCGGCGCATCGACCGAG  
AAAAGCTGCCCAATGTGAGATGATCTTCGACGAGAACGAATGTTTCTGGACTTCGAGGTGTGGTGAT  
AGGGCCCTCACAGAGCTGGTGGACCTGTTGAGGGTCGGGTATCGTGCTGGACATCAACGATAACACG  
CCCACCTTCCCGTCGCCGGTGTCTACGCTCACGGTGGAGGAGAACCAGGCTGTAGGCACGCTCTACCTGC  
TGCCACGCGCCACCGATCGTGACTTTGGTCGCAATGGCATCGAACGCTACGAGCTGCTCCAGGAGCCCGG  
GGGTGGCGGCGGACGGCGAGGGAAGGCGCTTGGGCGGCGGACAGCGCCCCCTACCCAGGGGGCGG  
GGGAACAGCGCGAGCGGCGGGCTCTGGAGGCTCCAAGCGCGGCTGGACGCGCCTGAGGGTGGCGGG  
GGACGAGTCTAGTGGCCGAAGCAGTGTGTTTGGCTTTCAGGTGGCAGACACTCCAGACGGCGAGAACA  
ACCGCAGCTGATCGTGAAGGGGGCGCTGGACCGGAGCAGAGAGATTCTATGAGCTGACCTCCGAGTG  
CGCGATGGGGGCGACCCACCTCGGTCTTCGACGGCCATCTTGGCGGTGCTCATACCGACGTGAATGACA  
ACAGCCCCCGTTCGAGAAGAGCGTGTATGAGGCTGACCTGGCTGAGAACAGCGCTCCGGGCACCCCAT  
CCTACAGTTGCGCGCCACCGATTTGGATGTAGGGTCAATGGACAGATCGAGTATGTATTTGGGGTGC  
ACCGAGTCGGTAAAGCGGCTACTGCGCTGGATGAAACGTCGGGCTGGCTCAGTGTCTTACACGGATCG  
ACCGCGAGGAAGTGAACAGTTGAGATTCACAGTAATGGCCCGTGACCGGGGACGCCCCCAAGACTGA  
TAAGGCCACCGTAGTCTCAACATCAAAGACGAGAACGACAACGTTCCCTCCATCGAAATTCGCAAGATA  
GGGCGCATCCACTTAAGGACGGGTGGCAACGTAGCCGAAGATGCTCCTGGTGGACCCCCATCGCCC  
TGGTTTCAGGTGTCCGACCGTGACCAAGGCGAGAACGGGTAGTCACCTGTACCGTGTGGGAGACGTTCC  
TTTCCAGCTTAAGCCAGCCAGCGACACAGAAGGCGATCAAAACAAGAAAAAGTACTTCTGCACACATCA  
GCCCCACTAGACTATGAGACCACCGGGAGTTCAACGTGGTCATAGTAGCTGTGGACTCTGGCAGTCCCA  
GCCTCTCCAGCAACAATTCCTTGGTGGTCAAGGTGGGAGACACTAATGACAACCCCTGTCTTTGGCCA  
GTCTGTGGTTGAGGTTTACTTTCCAGAGAACAACATTCGCGGGGAGAGGGTAGCCACAGTGTGGCGACA



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GATGCTGACAGCGGGAAGAATGCAGAGATCGCCTATTCCTGGACTCCTCAGTGATGGGGACTTTTGCCA  
 TCGATCCCGATTCTGGAGACATCCTGGTCAATACAGTACTGGACCGGGAGCAGACTGACAGGTATGAGTT  
 TAAAGTTAATGCCAAAGACAAAGGCATCCCAGTCTGCAAGGCAGCACCACGGTGATTGTACAGTTGGCT  
 GATAAAAACGACAACGACCCTAAGTTTATGCAAGATGTCTTTACCTTTTATGTGAAGGAAAACTTACAAC  
 CCAACAGCCCTGTGGGGATGGTCACCGTGATGGATGCTGACAAGGGACGGAAATGCAGAGATGAGCCTGTA  
 CATAGAGGAGAACAGTAACATTTTTCTATTGAAAATGACACAGGGACCATTTACTCCACAATGTCTTTT  
 GACAGGGAAACATCAGACTACGTACACTTTCAGAGTGAAGGCTGTGGATGGGGGAGATCCTCCAGGTCGG  
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 CATTTCCTACACGTTGCTGCCACCTTCAAGTAATGTCAGGACAGTAGTAGCTACAGTGTTAGCGACAGAC  
 AGTGATGATGGCATCAATGCGGACTTGAACACAGCATTGTGGGAGGGAATCCTTTCAAGCTGTTTGAGA  
 TTGATTCCACCAGTGGTGTGGTTTCCTTAGTGGGGAAACTCACCCAGAAGCATTATGGCTTGACAGGCT  
 GGTTGTGCAAGTGAATGACAGTGGCCAGCCTTCCCAGTCCACTACGACTTTGGTGCATGTATTTGCAAT  
 GAAAGTGTTCGAATGCAACTGTAATTGACTCTCAGATAGTCCGAAGTTGCATACCCACTCACCCAGG  
 ATATAGCTGGTGACCCAAGCTATGAAATAGCAAAACAGAGACTTAGTATTGTCATTGGGGTGGTTGCTGG  
 CATTATGACAGTGATTCTAATCATTTTTAATTGTATGATGGCAAGATACTGCAGGTCCAAAAATAAAAT  
 GGCTACGAAGCTGGCAAAAAGACCATGAGGACTTTTTTACCCCGAGCAGCATGACAAATCTAAAAGC  
 CTA AAAAGGACAAGAAAAACAAAAATCTAAGCAGCCACTCTACAGCAGTATCGTCACTGTGCAAGCTTC  
 TAAACCAATGGACAGAGGTATGATAGTGTCAATGAGAAGCTGTGAGACAGCCCAAGCATGGGCCGATAC  
 CGATCTGTTAATGGTGGGCTGGCAGTCCCAGCCTGGCAAGGCATTACAAATCCAGTTCCCATTGCCTA  
 CTGTCCAGCTTACCCCCAGTACCAACTGCAGGGAAAAACATCAAGCTGTACAAGATCTACCACCAGC  
 CAACACATTTGTGGGAGCAGGAGACAACATTTCAATTGGATCAGATCACTGCTCCGAGTACAGCTGTCAA  
 ACAAGTAAACAAGTACAGCAAACAGCCATTTTCGTAGAGTGACGTTTTCTGTTGTGAGTCAGCCTCAGGACC  
 CACATCAGGGGTCACTGCAGAGTTGCTATGACAGCGGGCTGGAGGAGTCAGAAACACCAAGCAGTAAGAG  
 TTCATCAGGGCCAAGACTGGGTGCCCTTCCACTCCCAGAGGACAACATGAGAGGACCACGCCGGATGGC  
 AGTGTGGTGAGGACAGCATATGGAAAATGATCAAGGCCTCTTCCGGATGTAGCGCTGACCGGAAGT  
 GCACCCGTGAATGTGATGAATATGGTCATTGACTCCTGCTGGATGCCAGTGCGCACTTCCCAGAGAG  
 GAAGAAGAGCCAGCCAAACTCTCCACTTTCATGCCTGTTGATGAACGAGGAAGCCAGGAAAAGCTGGCC  
 AATGGCGAGGCTGCCATCATGGGTGACCGCAACAGAACTCCTGAACAAAAATGACCTCATCTATG  
 AGACCTTCAGTGCAGCTAGTTTCAGCAAAAATGAGGAAGCCAACCCTGAGGATATTCCTTTAACAAAAAC  
 AGGGGAATATAAGCCATCTCTGTCAACACTCTACTAGAAGAGAAGTTTATCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001122758
- Insert Size:** 3768 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:**

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:** [NM\\_001122758.2](#), [NP\\_001116230.1](#)

**RefSeq Size:** 8676 bp

**RefSeq ORF:** 3768 bp

**Locus ID:** 54216

**Cytogenetics:** 5 C1