

Product datasheet for **MC223318**

Pcdh10 (NM_001098171) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcdh10 (NM_001098171) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pcdh10
Synonyms: 6430521D13Rik; 6430703F07Rik; mKIAA1400; OL-pc
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223318 representing NM_001098171
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATTGTGCTGTTATTCTTTGCCTTGCTCTGGATGGTGGACGGAGTCTTTCCAGCTTCATTATACTG
TGCAGGAAGAGCAGGAACATGGCACTTTCTGTTGGGAATATCGCTGAAGACCTGGGCTTGGACATTACAA
ACTTTTCAGCTCGCAGTTTCAGACGGTGGCCAACCTCACGGACCCCTTACTTGGACCTCAACTCTGGAGACC
GGGTTCTGTACGTAAACGAGAAGATAGATCGCGAGCAAATCTGTAAGCAGAGCCCTCTTGTGTCTGTC
ACCTGGAGGTCTTTCTGGAGAACCCTGGAGCTGTTCCGAGTGGAGATCGAAGTCTGGACATCAATGA
CAACCCTCCCTCCTTCCAGAGCCCGACCTGACAGTGGAGATCTCAGAGAGCGCCACGCCAGGCACCCGC
TTTCCCTTGGAGAGCGCCTTCGACCCAGACGTGGGGACCAACTCCTTGGAGACTACGAGATAACCCCAA
ATAGTACTTCTCGCTAGACGTACAGACCCAGGGAGATGGCAACCGATTGCGCGAAGTGGTCTGGAGAA
GCCACTGGACCGAGAACAGCAAGCGGTGCACCGTACGTGCTGACCGCGTGGACGGGGAGGAGGGGGA
GGAGGAGGGGAAGGAGGGGGAGGCGGTGGGGAGCCGGCTGCCCCAGCAGCAGCGTACTGGCACGG
CCTTGCTCACCATCCGAGTCTCGACTCCAACGACAATGTGCCCGCTTTTGACCAACCCGCTACACAGT
TTCCCTACCAGAAATTCCTCCCTGGCAGCTAGTGATCCAGCTTAATGCCACCGACCCTGATGAAGGC
CAGAATGGCGAGGTCTGTACTCGTTCAGTAGTCACATTTACCCAGGGCTCGGGAGCTCTTCGGACTGT
CGCCGCGCACCGGCCGGCTGGAGGTGAGCGGCGAGCTGGACTATGAAGAGAGCCAGTGTATCAGGTGTA
TGTCCAAGCCAAGGACTTGGGTCCCAATGCTGTGCCTGCGCACTGCAAGTTCTGGTGAGAGTGTGGAT
GCCAACGACAACGCACCAGAGATCAGCTTCAGCACAGTGAAGAGGGCGGTGAGCGAGGGTGGCGCCCTG
GCACGGTGGTGGCTCTGTTACGCGTGACCGATCGGGACTCAGAGGAGAACGGGCAGGTGCAGTGTGAGCT
TCTGGGAGACGTGCCGTCCGCCTCAAGTCTTCCCTCAAGAACTACTACACTATCGTGACCGAAGCCCTC
TTGGACCGAGAGGCTGGGGACTCTACACCCTGACCGTGGTGGCCCGCGACCGGGGCGAGCTGCACTCT
CCACCAGTAAGTCGATCCAGTTCAAGTGTGAGATGTGAATGACAATGCGCCGCGCTTCAGCCAGCCGGT
CTACGACGTGTATGTGACAGAAAACAATGTGCCGGTGCCTACATTTACGCGGTGAGCGCCACGGACCGC
GACGAAGGGGCAATGCAAAATTAACCTACTCTATCCTAGAGTGCCAGATCCAAGGAATGAGTGTCTTCA



[View online >](#)

CCTACGTGCCATCAACTCAGACAACGGCTACTTGTACGCCCTGAGATCCTTCGACTATGAGCAGATCAA
GGACTTCAGCTTTCAAGTAGAAGCCCGGGACGCCGGCAGTCCCCAGGCGCTGGCCGGCAATGCCACGGTC
AACATCTTGATAGTGGATCAGAACGACAACGCCCCCGCCATCGTGGCGCCCTTCCGGGGCGCAACGGGA
CTCCAGCCCGGAGGTGCTGCCCGCTCTGCCAACCCGGCTACCTGCTCACTCGTGTGGCCGAGTGA
CGCGGACGACGGCGAGAACGCCAGGCTCACCTACAGCATAGTGGGGGCAACGAAATGAACCTCTTTCGA
CTGGACTGGCGCACCCGGAGAGCTCCGCACCGCGCCGGTCCCAGCCAAGCGCGACCCCGCGCCCTT
ATGAGCTGGTGATCGAGGTGCGCGACCACGGGCAGCCGCCCTGTCTCCACAGCCACCCCTGGTGGTTCA
GCTGGTGGATGGAGCGGTGGAGCCACAGGCGGGGGCGGGGACCAGGCGGAGGGTCTGGGAACACCTG
CGTCCCAGCCGCTCTGGCGGGGGAACTTCACTGGACCTCACACTTATCCTTATCATCGCCCTGGGCT
CGGTGTCCTTTCATCTTCTGCTGGCCATGATCGTGTGGCCGTGCGCTGTGAGAAAGAGAAAAAATCAA
CATCTACAGTGTCTCGCGAGCGATTGCTGCCTGCTGCTGCTGCTGCGGCAATGGGAGCTCCACCTGC
TGCGGCCCAAGCCCGGGCGCAAGAAGAACTCAGCAAGTCAGATATCATGTTGGTGCAGAGCGCCA
ACGTCCCTAGCAACCCGGCCAGGTGCCGGTAGAGGAGTCGGAGGCTTCGGTCCCATCACCACAATCA
GAACTATTGCTATCAGGTCTGCCTACCCCGGAGTCCGCCAAGACCGACCTGATGTTCTGAAGCCCTGC
AGCCCTTCCCGGAGTACAGATGTGAGCACAATCCCTGCGGAGCCATCGTACCCGGTACAGCGACCAGC
AACCAGACATCATTTCCAACGGAAGCATTTTGTCCAACGAGAATAAACACCAGCGAGCAGAGCTCAGCTA
TCTAGTTGACAGACCTCGCCGAGTTAACAGTTCTGCATTCCAGGAAGCTGACATAGTAAGCTCTAAGGAC
AGTGGTATGGAGACAGTGAACAGGGAGACAGTGATCATGATGTCACCAACCGTGGCCAGTCACTGGTA
TGGATCTTTTCTCCAACCTGCACCGAGGAATGTAAGCACTGGGCCACTCTGACCGATGCTGGATGCCTT
TTTTGTCCCTTCGGATGGACGCCAGGCTGCAGATTACCGCAGCAACCTGCATGTCCCGGCATGGACTCT
GTTCCAGACCCGAGGTCTTTGAACCTCCAGAAGTCCAGCCTGGGGCAGAGCGCTCCTTCTCCACTTTCG
GCAAAGAGAAGGCCCTGCATGCCACCCTGGAGAGGAAGGAGTTGGACGGATTGCTGTCTAATACACGAGC
GCCTTACAAACCACCATATTTGACGCGGAAAAGGATATGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001098171

Insert Size: 3123 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_001098171.1](#), [NP_001091641.1](#)

RefSeq Size: 8263 bp

RefSeq ORF: 3123 bp

Locus ID: 18526

Cytogenetics: 3 B