

Product datasheet for MC223362

Pcdh10 (NM_001098172) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcdh10 (NM_001098172) 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: >MC223362 representing NM_001098172
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATTGTGCTGTTATTCTTTGCCTTGCTCTGGATGGTGGACGGAGTCTTTCCAGCTTCATTACTG
 TGCAGGAAGAGCAGGAACATGGCACTTTTCGTTGGGAATATCGCTGAAGACCTGGGCTTGGACATTACAA
 ACTTTTCAGCTCGCAGTTTCAGACGGTGGCCAACCTCACGGACCCCTTACTTGGACCTCAACTCTGGAGACC
 GGGTTCTGTACGTAAACGAGAAGATAGATCGCGAGCAAATCTGTAAGCAGAGCCCTCTTGTGTCTGTC
 ACCTGGAGGTCTTTCTGGAGAACCCTGGAGCTGTTCCGAGTGGAGATCGAAGTCTGGACATCAATGA
 CAACCCTCCCTCCTTCCAGAGCCCGACCTGACAGTGGAGATCTCAGAGAGCGCCACGCCAGGCACCCGC
 TTTCCCTTGGAGAGCGCCTTCGACCCAGACGTGGGGACCAACTCCTTGGAGACTACGAGATAACCCCAA
 ATAGTACTTCTCGCTAGACGTACAGACCCAGGGAGATGGCAACCGATTGCGCGAACTGGTCTGGAGAA
 GCCACTGGACCGAGAACAGCAAGCGGTGCACCGTACGTGCTGACCGCGTGGACGGGGAGGAGGGGGA
 GGAGGAGGGGAAGGAGGGGGAGGCGGTGGGGAGCCGGCTGCCCCAGCAGCAGCGTACTGGCACGG
 CTTGCTCACCATCCGAGTCTCGACTCCAACGACAATGTGCCCGCTTTTGACCAACCCGCTACACAGT
 TTCCTACCAGAAATTCCTCCCTGGCAGCTAGTGTCCAGCTTAATGCCACCGACCCTGATGAAGGC
 CAGAATGGCGAGGTCTGTACTCGTTAGTACATTTACCCAGGGCTCGGGAGCTCTTCGGACTGT
 CGCCGCGCACCGGCCGGCTGGAGGTGAGCGCGAGCTGGACTATGAAGAGAGCCAGTGTATCAGGTGTA
 TGTCCAAGCCAAGGACTTGGGTCCCAATGCTGTGCCTGCGCACTGCAAGTTCTGGTGAGAGTGTGGAT
 GCCAACGACAACGCCAGAGATCAGCTTCAGCACAGTGAAGAGGGCGGTGAGCGAGGGTGGCGCCCTG
 GCACGGTGGTGGCTCTGTTACGCGTACCGATCGGGACTCAGAGGAGAACGGGCAGGTGCAGTGTGAGCT
 TCTGGGAGACGTGCCGTCCGCCTCAAGTCTTCTTCAAGAACTACTACACTATCGTGACCGAAGCCCTC
 TTGGACCGAGAGGCTGGGGACTCTACACCCTGACCGTGGTGGCCCGCAGCCGGGGCAGCTGCACTCT
 CCACCAGTAAGTCGATCCAGTTCAAGTGTGAGTGTGAATGACAATGCGCCGCGCTTCAGCCAGCCGGT
 CTACGACGTGTATGTGACAGAAAACAATGTGCCGGTGCCTACATTTACGCGGTGAGCGCCACGGACCGC
 GACGAAGGGGCAATGCAAAATTAACCTACTCTATCCTAGAGTCCAGATCCAAGGAATGAGTGTCTTCA



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CCTACGTGCCATCAACTCAGACAACGGCTACTTGTACGCCCTGAGATCCTTCGACTATGAGCAGATCAA
 GGACTTCAGCTTTCAAGTAGAAGCCCGGGACGCCGGCAGTCCCCAGGCGCTGGCCGGCAATGCCACGGTC
 AACATCTTGATAGTGGATCAGAACGACAACGCCCCCGCCATCGTGGCGCCCTTCCGGGGCGCAACGGGA
 CTCCAGCCCGGAGGTGCTGCCCGCTCTGCCAACCCGGCTACCTGCTCACTCGTGTGGCCGAGTGA
 CGCGGACGACGGCGAGAACGCCAGGCTCACCTACAGCATAGTGGGGGCAACGAAATGAACCTCTTTCGA
 CTGGACTGGCGCACCCGGAGAGCTCCGCACCGCGCCGGTCCCAGCCAAGCGCGACCCCCAGCGGCCTT
 ATGAGCTGGTGATCGAGGTGCGCGACCACGGGCAGCCGCCCTGTCTCCACAGCCACCTGGTGGTTCA
 GCTGGTGGATGGAGCGGTGGAGCCACAGGCGGGGGCGGGGACCAGGCGGAGGGTCTGGGGAACACCTG
 CGTCCCAGCCGCTCTGGCGGGGGAACTTCACTGGACCTCACACTTATCCTTATCATCGCCCTGGGCT
 CGGTGTCCTTTCATCTTCTGCTGGCCATGATCGTGTGGCCGTGCGCTGTGAGAAAGAGAAAAAATCAA
 CATCTACAGTGTCTCGCGAGCGATTGCTGCCTGCTGCTGCTGCTGCGGCAATGGGAGCTCCACCTGC
 TGGCGCCCAAGCCCGGGCGCAAGAAGAACTCAGCAAGTCAGATATCATGTTGGTGCAGAGCGCCA
 ACGTCCCTAGCAACCCGGCCAGGTGCCGGTAGAGGAGTCGGAGGCTTCGGTCCCATCACCACAATCA
 GAACTATTGCTATCAGGTCTGCCTACCCCGGAGTCCGCCAAGACCGACCTGATGTTCTGAAGCCCTGC
 AGCCCTTCCCGGAGTACAGATGTGAGCACAATCCCTGCGGAGCCATCGTACCCGGTACAGCGACCAGC
 AACAGACATCATTTCCAACGGAAGCATTTTGTCCAACGAGAATAAACACCAGCGAGCAGAGCTCAGCTA
 TCTAGTTGACAGACCTCGCCGAGTTAACAGTCTGCATTCCAGGAAGCTGACATAGTAAGCTCTAAGGAC
 AGTGGTATGGAGACAGTGAACAGGGAGACAGTATGATGTCACCAACCGTGGCCAGTCAAGTGGTA
 TGGATCTTTTCTCCAACCTGCACCGAGGAATGTAAGCACTGGGCCACTCTGACCGATGCTGGATGCCTT
 TTTTGTCCCTTCGGATGGACGCCAGGCTGCAGATTACCGCAGCAACCTGCATGTCCCCGGCATGGACTCT
 GTTCCAGACCCGAGGTCTTTGAACCTCAGAAGTCCAGCCTGGGGCAGAGCGCTCTTCTCCACTTTCC
 GCAAAGAGAAGGCCCTGCATGCCACCCTGGAGAGGAAGGATTGGACGGATTGCTGTCTAATACACGAGC
 GCCTTACAAACCACCATATTTGAATCATTTCCACCCTTTTCTTGTTTTGACATTGGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001098172

Insert Size:

3144 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_001098172.1, NP_001091642.1

RefSeq Size:

4241 bp

RefSeq ORF:

3144 bp

Locus ID: 18526

Cytogenetics: 3 B