

Product datasheet for **RN217209**

Cdh10 (NM_001168631) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh10 (NM_001168631) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdh10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN217209 representing NM_001168631
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCAATCTATTCGTTCTTGAGACTGTTTGTCTCTGGGCATGCCTGCCCAATTCTGCTGTCCAGAAT
 TAACGTTTCAGAAGGACTCCTGGGCTTCAGCAAATGACTGCAGAATCCCATGTCCCTAGGGGTGATGGTAA
 AATCCTTCACCGTCAAAAACGTGGCTGGATGTGGAACAGTTTTTCTACTGGAAGAATATACTGGATCT
 GATTATCAATATGTCGGCAAGCTTCATTAGACCAAGATAAAGGAGACGGATCGCTCAAATATATTTTGT
 CTGGAGATGGAGCTGGTACTCTTTTTATTATTGATGAAAAACAGGTGATTCACGCCACAAGAAGAAAT
 TGATAGGGAAGAAAAGGCCTTTTATACTCTGCGTGCACAAGCTATTAACAGAAGAACTCTGAGGCCAGTT
 GAGCCAGAGTCAGAATTTGTGATCAAAATTCACGATATCAACGACAATGAGCCTACATCCAGAAGAAA
 TTTATACAGCCAGCGTTCCTGAAATGTCTGTTGTAGTACTTCTGTGGTCAAGTCACAGCTACAGATGC
 CGATGACCCTTCATATGGAACAGCGCCAGAGTCAATTTACAGCACTTCAAGGGCAGCCTATTTCTCT
 GTGGAACCAGAAAACAGGTATCATAAGGACAGCTCTACAAACATGAACAGAGAGAACAAGGAACAGTACC
 AGGTGGTTATTCAAGCCAAGGACATGGGCGGTCAGATGGGGGTCTGTCTGGAACCACCACAGTGAACAT
 CACTCTCACAGATGTCAACGACAATCCTCCTCGCTTCCCCAAAACACCATCCATCTGCGAGTCTTGAA
 TCCTCTCCAGTTGGCACAGCTGTGGGAAGTGTAAAAGCCACCGATGCTGACACGGGGAAAAATGCCGAAG
 TGGATTACCGCATTATTGATGGAGATGGCACAGATATGTTTGACATTAACTGAGAAGGACACACAGGA
 AGGCATCATCACTGTGAAAAAGCCACTTGACTATGAGAACCGAAGACTATATACTCTGAAGGTGGAGGCA
 CAAAATACCCATGTGGATCCACGTTTTACTATTTAGGGCCATTCAAAGATAACAATTTGAAAAATCT
 CCATAGAAGACGTGGATGAGCCTCCAGTTTTTCAGTCGATCCTCCTATCTGTTTGAGGTTTCATGAGGAT
 TGAAGTGGGCACAATCATCGGTACTGTAATGGCAAGAGACCCAGATTCTACTTCCAGTCCCATCAGATTT
 ACTTTAGATCGCCATACTGATCTTGACAGGATCTTTAACATTCTGGAACCGGATCACTTTATACAT
 CAAAGCCACTTGATCGTGAATCTCAATGGCACAACCTTACCGTCATAGCTGCCGAGATCAATAATCC
 TAAAGAAACAACCTCGTGTCTGTTTTGTGAGGATTTTGGATGTTAATGACAACGCTCCACAATTTGCT
 GTGTTTTATGACACATTTGATGTGAAAATGCCAGACCAGGACAGCTGATACAGACAATAAGTGCAGTTG
 ACAAGATGACCCCTTAGGTGGACAGAAGTTCTTCTCAGTTTGGCTGCTGTGAATCCTAACTTCACAGT
 GCAAGACAATGAAGACAACACTGCCAGAATTTAACCAGAAAGAAATGGCTTCAACCGTCATGAAATAGC
 ACCTACCTACTGCCGGTAGTGATATCTGATAATGACTACCCATTTCAGAGCAGCACTGGCACCCCTGACGA
 TCCGTGTTTGGCCTGTGACAGCCAGGGCAACATGCAAGTCTGCAAGTCCGGAAGCCCTGCTCCTTCTGC
 TGGCCTCAGCACTGGCGCCTTGATCGCCATTCTTCTGTCATCATCTTCTGCTGGTTATAGTAGTCCTC
 TTTGCAGCCCTGAAAAGGCAACGGAAGAAAGAGCCTCTGATTTTATCCAAGAAGACATCAGAGACAACA
 TTGTGAGCTATAACGACGAAGGTGGCGGAGAGGAGGACACCCAAGCCTTTGATATTGGAACCTGAGGAA
 TCCTGCAGCTATCGAGGAGAAAAAGCTGCGGCGAGATATCATTCTGAAACGTTATTTATACCGCGCGG
 ACTCCTACGGCCCCGGATAACACGGATGTCGGGATTTTATTAAAGAGCGCTCAAAGAGCAGCACTTGG
 ACCCCACTGCGCCTCCCTACGACTCGCTGGCTACCTATGCCTATGAAGGAAACGACTCCGTTGCTGAATC
 TCTGAGCTCCTTAGAATCAGGTACCACTGAAGGAGACCAAACTACGATTACCTTCGAGAATGGGGCCCT
 CGGTTTAAATAAACTAGCAGAAATGTACGGTGGTGGTGGAGAGCGACAAGACGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001168631
Insert Size: 2367 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001168631.1, NP_001162102.1</u>
RefSeq Size:	3169 bp
RefSeq ORF:	2367 bp
Locus ID:	29181
Cytogenetics:	2q21
Gene Summary:	cell-cell adhesion molecule [RGD, Feb 2006]