

Product datasheet for **RN206096**

Cdh17 (NM_053977) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh17 (NM_053977) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdh17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206096 representing NM_053977
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTCTCTGCCAGCTTCACTTCTGTGTCTTCTCACGCTTTATTTGACTGGCGCATATGGCCAAGAAG
 GGAAGTTCAGCGCCCCCTGAAACCCATGACATTTCTATTTTTGAAGCCAAGAACCGAGTCAAATCAT
 ATTCCAGTTTAAGGCCAACCCCTCCAGCTGTGACTTTTGAGCTAACAGGAGAGACGGATGGTATATTTAAG
 ATAGAAAAGGATGGACTTCTTTATCACACAAGAGTCTGGACAGAGAAACAAGGGCGTTTCATCATCTGC
 AGCTTGCAGCCTTGGATTCTCAGGGAGCTATAGTGGATGGCCAGTCCCCATCATATAGAAGTCAAGGA
 CATCAATGACAACCGACCTACATTTCTCCAGACAAAATATGAAGGCTCAGTGAGGCAGAACTCTCGCCCA
 GGAAGCCTTTCATGTATGCAATGCTACAGACCTGGATGACCCGGCTACTCCCAATGGCCAGCTTTTTT
 ATCAAATTGTCATCCAGCTTCCAAAATCAACAATGTTATGTAATTCAGATCGACAACAAAACAGGGGC
 AATCTCGCTTACCCAGAAGTTCAGGTATTGGATCCAATAAAGAATCCGTAACAACCTGGTGGTC
 TCTGTGAAGGACATGGGGGGCCAGAATGAGAATTCCTTCAGCGATACCACATCTGTGGATATTACTGTCA
 GAGAGAACATCTGAAAGCACCAGAGCCTGTGGAGATTGAGAAAACTTAACTGATCCTCACCCCATCAA
 AATCACTCAGGTGCAGTGGAAATGACCCAGGGGCCACTATTCTTAATCAACAAGGAGAAGCTGCCACAG
 TTTCCATTCTCGATCGACCAAGAAGGAAATATTACGTGACTCAGCCTTTGGACCGTGAGAAAAGGACT
 CTCATGTTTTCTTTGCCACTGCCAAGGATGAGAATGAAAAACCCCTCGCATATCCACTGGAAATTCGTGT
 GAAAGTTATTGACATTAATGACAACCCACCGACATGTCTCTCAAGTACTGTATTTGAAGTCCAGGAG
 AATGAAGTCTTGGGTAGTAGCATTGGGATCTTTGCTGCCACGATATGGATGAAGTAACAATATCAACA
 GTATTTGAAGTACAGACTTGTAGACCAACACCCAAAGTTCCTCAGATGAACTTTTCTCATTGACGA
 ATATGGAGGAAAAGTCCAGTTGGGTAAACGGTCCCTTGAAGAAGCAAGACAGTCCCTCAGTACAACCTTAACA
 GTAGAGGTGTCTGACATAGATTTCAAGACTCTCTGTTCTTCAAGTCAACGTTATTGATATCAACGATC
 AGATTCATCTTTGAAAGATCAGACTATGGAAGCAAGACTCTTCTGAAGACACAGCCATCGGATCCAC
 CATCTTAATCATCCAAGTACTGATGATGAGCCCTTACCAGGAGCTCTAAAATTCTGTACAAGATT
 GTACAGGGAGACTGAGGGAAGACTGGAAGTTGTACAGATCCCATGACCAATACAGGATACGTCAAGA
 TCAGAAAGCCTTTGATTTTGAACCGAACCGTACTAGCATTGTGTTCAAAGCAGAAAACCCCTGAGCC
 GCTGGTGAATGGCATAGAGTACAATGCTAGTCTTTTGCCTCCTCGAGCTGACCGTGACGGATGTGAAT
 GAAGTGCCTGATTTCCAGCAAAATATCCAAGCCAACGTTAGCGAGGATACTGCTATAGGCACTAAAG
 TGGGCACTGTGACTGCCAGGGATCCGGAAGGCCTGACTGTGAGTTATCACTGAAAGACAATAAGAGAGG
 TTGGCTTAAAATCGACTCCGTCACCGGCCGACATATTTAGCACTGCTCCGCTGGACAGGAAAACAGAAAGT
 GTGATCGAGTACAAGTGGTGGCCACTGAAGTAGGTGGTCTCTCTGAGTTCTACAGCATATTTCCACC
 TGGTCTCATGGATGTGAATGACAACCCCTCGCCTAGCTAAGGACTACACAGGCTTGTCTTCTGCCA
 TCCCTAAGTGCCCTGGGAGCCTCATCTTTGAAGCCACTGATGATGACCAGCAGTCACTTCGGAGGCC
 AAGTTTACGTTTGCCTTGGCAGAGAAAGCTTACAAAGTACTGGGAAGTGTCCAAAATCAATGGCACAC
 ATGCTAGACTCTCACCAAGCACACAGCTTTGAGGAACAAGTTATGACATCCCAATCCTCATCAATGA
 TGGGGGCAGCCACCCATGGAAGGCATTGTCTCCTTATCAGTTACTTTCTGCCAGTGTGGACGGAAGT
 TGTTCCGGCCAGCAGGCAACCAGTTGGGATACCCACCGTGGCATGGCAGTTGGTATACTTCTGACCA
 CATTTCTGGTCATTGGTATAATTTAGCGGTTGTATTCATCCGTATGAGGAAAGATAAAGTTGAAGATCC
 ACAGTCCCTGAGAATAAGCCTCTGAGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053977
Insert Size: 2484 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:	<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:	NM_053977.2 , NP_446429.1
RefSeq Size:	3411 bp
RefSeq ORF:	2484 bp
Locus ID:	117048
UniProt ID:	P55281
Cytogenetics:	5q13
Gene Summary:	mediates Ca ²⁺ dependent intercellular adhesion; liver and intestine specific; may regulate morphological organization of liver and intestine [RGD, Feb 2006]