

## Product datasheet for **RR206096**

### **Cdh17 (NM\_053977) Rat Tagged ORF Clone**

#### **Product data:**

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



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**ORF Nucleotide Sequence:**

>RR206096 representing NM\_053977  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTCTCTGCCAGCTTCACTTCTGTGTCTTCTCACGCTTTATTTGACTGGCGCATATGGCCAAGAAG  
 GGAAGTTCAGCGGCCCTGAAACCCATGACATTTCTATTTTTGAAGCCAAGAACCGAGTCAAATCAT  
 ATTCCAGTTTAAAGCCAACCCTCCAGCTGTGACTTTTGAGCTAACAGGAGAGACGGATGGTATATTTAAG  
 ATAGAAAAGGATGGACTTCTTTATCACACAAGAGTCTGGACAGAGAAACAAGGGCGTTTCATCATCTGC  
 AGCTTGCAGCCTTGGATTCTCAGGGAGCTATAGTGGATGGCCAGTCCCCATCATATAGAAGTCAAGGA  
 CATCAATGACAACCGACCTACATTTCTCCAGACAAAATATGAAGGCTCAGTGAGGCAGAACTCTCGCCCA  
 GGAAGCCTTTCATGTATGCAATGCTACAGACCTGGATGACCCGGCTACTCCCAATGGCCAGCTTTTTT  
 ATCAAATGTATCCAGCTTCCAAAATCAACAATGTTATGACTTCCAGATCGACAACAAAACAGGGGC  
 AATCTCGCTTACCCAGAAGTTCAGGTATTGGATCCAATAAAGAATCCGACTACAACCTGGTGGTC  
 TCTGTGAAGGACATGGGGGGCCAGAATGAGAATTCCTTCAGCGATACCACATCTGTGGATATTACTGTCA  
 GAGAGAACATCTGAAAGCACCAGACCTGTGGAGATTGAGAAAACTTAACTGATCCTCACCCCATCAA  
 AATCACTCAGGTGCAGTGGAAATGACCCAGGGGCCACTATTCTTAATCAACAAGGAGAAGCTGCCACAG  
 TTTCCATTCTCGATCGACCAAGAAGGAAATATTTACGTGACTCAGCCTTTGGACCGTGAGAAAAGGACT  
 CTCATGTTTTCTTTGCCACTGCCAAGGATGAGAATGAAAACCCCTCGCATATCCACTGGAAATTCGTGT  
 GAAAGTTATTGACATTAATGACAACCCACCGACATGTCTCTCAAGTACTGTATTTGAAGTCCAGGAG  
 AATGAAGTCTTGGGTAGTAGCATTGGGATCTTTGCTGCCACGATATGGATGAAGTAACAATATCAACA  
 GTATTTGAAGTACAGACTTGTAGACAAACACCCAAAGTTCCTCAGATGAACTTTTCTCATTGACGA  
 ATATGGAGGAAAAGTCCAGTTGGGTAAACGGTCCCTTGAAGAAGCAAGACAGTCCCTCAGTACAACCTAACA  
 GTAGAGGTGTCTGACATAGATTTCAAGACTCTCTGTTCTTCAAGTCAACGTTATTGATATCAACGATC  
 AGATTCATCTTTGAAAGATCAGACTATGGAAGCAAGACTCTTCTGAAGACACAGCCATCGGATCCAC  
 CATCTTAATCATCCAAGTACTGATGATGAGCCCTTACCAGGAGCTCTAAAATTCTGTACAAGATT  
 GTACAGGGAGACTGAGGGAAGACTGGAAGTTGTACAGATCCCATGACCAATACAGGATACGTCAAGA  
 TCAGAAAGCCTTTGATTTTGAACCGAACCGTACTAGCATTGTGTTCAAAGCAGAAAACCCCTGAGCC  
 GCTGGTGAATGGCATAGAGTACAATGCTAGTCTTTTGCCTCCTTCGAGCTGACCGTGACGGATGTGAAT  
 GAAGTGCCTGTATTTCCCGACAAATATCCAAGCCAACGTTAGCGAGGATACTGCTATAGGCACTAAAG  
 TGGGCACTGTGACTGCCAGGGATCCGGAAGGCCTGACTGTGAGTTATCACTGAAAGACAATAAGAGAGG  
 TTGGCTTAAAATCGACTCCGTCACCGGCCGACATATTTAGCACTGTCCGCTGGACAGGAAACAGAAAGT  
 GTGATCGAGTACAAGTGGTGGCCACTGAAGTAGGTGGTCTCTCTGAGTTCTACAGCATATTTCCACC  
 TGGTCTCATGGATGTGAATGACAACCCCTCGCTAGCTAAGGACTACACAGGCTTGTCTTCTGCCA  
 TCCCTAAGTGCCCTGGGAGCCTCATCTTTGAAGCCACTGATGATGACCAGCAGTCAAGTTCGGAGGCC  
 AAGTTTACGTTTGCCTTGGCAGAGAAAGCTTACAAAGTACTGGGAAGTGTCCAAAATCAATGGCACAC  
 ATGCTAGACTCTCACCAAGCACACAGCTTTGAGGAACAAGTTATGACATCCCAATCCTCATCAATGA  
 TGGGGGCAGCCACCCATGGAAGCATTGTCTCCTTATCAGTTACTTTCTGCCAGTGTGGGACGGAAGT  
 TGTTCCGGCCAGCAGGCAACCAGTTGGGATACCCACCGTGGGATGGCAGTTGGTATACTTCTGACCA  
 CATTTCTGGTCATTGGTATAATTTAGCGGTTGTATTCATCCGTATGAGGAAAGATAAAGTTGAAGATCC  
 ACAGTCCCTGAGAATAAGCCTCTGAGGAGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR206096 representing NM\_053977  
Red=Cloning site Green=Tags(s)

MVSAQLHFLCLLTLYL TGAYGQEGKFSGLPKMTFSIFEGQEPSQIIFQFKANPPAVTFELTGETDGIFK  
IEKDGLLYHTRVLDRETRAVHHLQLAALDSQGAIVDGPVPIIEVKDINDNRPTFLQTKYEGSVRQNSRP  
GKPFMYVNATDLDDPATPNGQLFYQIVIQLPKINNVMYFQIDNKTGAISLTPEGSQVLDPIKNPYYNLVV  
SVKDMGGQENSFSDTTSVDITVRENIWKAPEPVEIRENLDPHPKITQVQWNDPGAHYSLINKEKLPQ  
FPFSIDQEGNIYVTQPLDREKDSHVFFATAKDENGKPLAYPLEIRVKVIDINDNPPTCLSQVTVFEVQE  
NEVLGSSIGIFAAHDMDEANNINSILKYRLVDQTPKVPSEDLFLIDEYGGKVQLGKRSLKKQDSPQYNLT  
VEVSDIDFKTLCSLQVNVINDINDQIPIFERSDYGSKTLEDTAIGSTILIIQATDDDEPFTGSSKILYKI  
VQGDTEGRLEVVTDPMTNTGYVKIRKPLDFETEPVTSIVFKAENPEPLVNGIEYNASSFASFELTVTDVN  
EVPVFPQQIFQANVSEDTAIGTKVGTVTARDPEGLTVSYSLKDNKRGWLKIDSVTGDIFFSTAPLDRETES  
VYRVQVVATEVGGSSLSSTAYFHLVMDVNDNPPRLAKDYTGFFCHPLSAPGSLIFEATDDDQQSVRRP  
KFTFALGRESLQSDWEVSKINGTHARLSTKHTRFEEQVYDIPILINDGGQPPMEGIVSLSVTFQCQVDGS  
CFRPAGNQVGIPVGMVAVGILLTTFLVIGIILAVVFIRMRKDKVEDPQSPENKPLRS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



**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\\_053977.2](#), [NP\\_446429.1](#)

**RefSeq Size:** 3411 bp

**RefSeq ORF:** 2484 bp

**Locus ID:** 117048

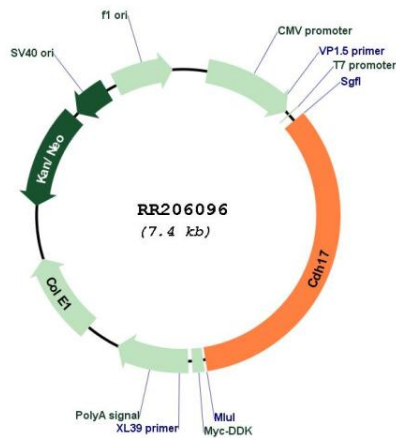
**UniProt ID:** [P55281](#)

**Cytogenetics:** 5q13

**MW:** 91.9 kDa

**Gene Summary:** mediates Ca<sup>2+</sup> dependent intercellular adhesion; liver and intestine specific; may regulate morphological organization of liver and intestine [RGD, Feb 2006]

**Product images:**



Circular map for RR206096