

## Product datasheet for **RR207942**

### **Cdh19 (NM\_001009448) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdh19 (NM_001009448) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cdh19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RR207942 representing NM\_001009448  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAACCACTACTTCTTGAATACTGGATATTGATGGTTCTCTCATATGGCCTTGCCTTAAAGTTGCAG  
 AAACCTTGAAAATTGAGAAGGCTCAGAGAGCAGTACCATCTTTGGGAGAGCTAAGCGTGGCTGGGTGTG  
 GAAGCAATTTGTTGTACCAGAGGAAATGGATACTATACAACATGTTGGACGGCTAAGATCTGACTTAGAC  
 AATGGAACAACCTTTCCAGTACAAGCTACTGGAACTGGTGTGGAAGCTTTAGTATTGATGAAAAAA  
 CAGGTGACATATTTGCCATGCAGAAGCTTGATAGAGAGAAAACAATCCCTCTACATTCTGCGGGCCAGGT  
 AATAGATAACCACTATTGGGAAGGCTGTGGAACCTGAGTCCGAGTTTGTCCATCAGAGTTTCGGATGTCAAT  
 GACAATGAACCCAGATTCCTAGATGAACCTTATGAAGCCATTGTACCAGAGATGTCTCCAGAAGGAACAT  
 TTGTCATAAAAAGTAACAGCCAATGACGCAGATGACCTACAAGTGGCTATCATGCTCGCATCTATACAA  
 CTTAGAACAAGGTCAACCATACTTTTCTGTTGAACCAACAACAGGAGTCATAAGGATATCTTCTAAAATG  
 GATAGAGAGTTGCAAGATACATACTGTGTAATTATTCAAGCCAAGGACATGCTTGGTCAGCTGGAGCCC  
 TATCTGGAACAACGACCATATCAATTAAGCTGTGAGATTAATGACAACAAGCCAATATTCAAAGAAAAG  
 TTTCTACCGCTTCACTATATCTGAATCTGCACCCAGTGGAAACAATATAGGCAAAAATATGGCATATGAT  
 GATGACATAGGAGAGAATGCAGAGATGGATTATAGCATTGAAGATGACGAGTCAAAAATATTTGACATAG  
 TTATTGACAATGAGACCAAGAAGGGATAGTTATACTCAAAAAGAAAAGTTGATTTTGAGCATCAGAACCA  
 CTATGGCATTAGAGTAAAAGTTAAAAATGGCATGTTGATGAAGAGCTTGCTCCAGCTCATGTTAACGCC  
 TCCACAACCTACATTAAGTTCAAGTGAAGATGAAGTGAACCTCCACTTTCTCTTACCATATTACA  
 TATTTGAAAATTCCTGAAGGAAAGCCCTATGGAACAATGGTAGGAACAGTTTCTGCCGTAGACCCAGATCG  
 AAGACAATCTCCTATGCGATATTCTCTCATTGGAAAGCAAAAATGTTTGATATCAATGGCAATGGAACAATA  
 GTTACCACTAACCTACTTGACAGAGAGGTGAGTCTGGTACAACCTGAGTGTACAGCTACTGAAACTT  
 ACAATGTACAACAGATCTCTTCACTCATGTTTATGTCCAAGTTTAAACATTAACGACCATGCTCCTGA  
 GTTCTCTCAATTGTATGAGACTTATGTTTGTGAAAATGCTGAATCTGGTGAAGATAATTCAGACCATCAGT  
 GCAATCGATAGAGATGAGTCCATAGAAGATCATCATTTTTACTTTAATCATTCTGTGGAAGACACAAACA  
 ACTCAAGTTTTATTCTAACAGACAATCAAGATAACACAGCTGTAATTCTGAGTAATAGAGCTGGTTTTAG  
 CCTTAAAGAGGAGACTGTTTTCTACATGATCATCTTGATTGCTGATAATGGAATTCACCTCTTACAAGC  
 ACCAATACTCTCACTATACAAGTCTGTGACTGTGGAGACAGTAGAAGCACTGAAACTTGTACTAGTAAGG  
 AACTTCTCTTTATCATGGGATTCAAAGCAGAAGCAATAATTGCCATCGTGATATGTGTTATGGTAATATT  
 TGGGTTTATCTTTTTGATACTTGTCTGAAACAGCGAAGAAAGGAGACCCATTTTCCAGAGAAAACCTGAA  
 GATTTTAGAGAGAATATATTTTGTATGATGATGAAGGCGCGGAGAAGAAGACTCAGAAGCCTTTGATA  
 TCATAGAGCTGAGACAGAGTACAGTAATGAGAGAAAGAAAACCAGGAAGAGCAGGAGCGCAGAGATCAG  
 GAGCCTGTACAGGCAGTCCCTGCAGGTGGGCCAGACAGCGCCATATTTGAAAATTTATCCTAGAGAAG  
 CTTGAAGAAGCAAACACAGATTCAGTGTCTCCCTTTGACTCACTACAGACTTTTGCCTATGAGGGGA  
 CTGGGTATCAGCTGGCTCTCTGAGTCTTGGGTTCCAGTGTCACTGATCAGGAAGATGACTTTGACTA  
 TCTTAATGACCTGGGACCTTGTTTTAAAAGATTAGCAAACATGTTTGGTTCTGCAGTGAACCTGACAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR207942 representing NM\_001009448  
Red=Cloning site Green=Tags(s)

MNHYFLKYILMVPLIWPLKVAETLKIEKAQRAVPSLGRAKRGVWVKQFVVPEEMDTIQHVGLRSLDLD  
 NGNNSFQYKLLGTGDGSFSIDEKTGDI FAMQKLDREKQSLYILRAQVIDTTIGKAVEPESEFVIRVSDVN  
 DNEPRFLDEPYEAIVPEMSPEGTFVIKVTANDADDPTSGYHARILYNLEQGQPYFSVEPTTGIVIRISSKM  
 DRELQDITYCVIIQAKDMLGQPGALSGTTTISIKLSDINDNKPIFKESFYRFTISESAPSGTTIGKIMAYD  
 DDIGENAEMDYSIEDDESQIFDIVIDNETQEGIVILKKKVD FEHQNHYGIRVKVKNCHVDEELAPAHVNA  
 STTYIKVQVEDEPPTFLLPYIIFEIPEGKPYGTMVGTSAVDPDRRQSPMRYSLIGSKMFDINGNGTI  
 VTTNLLDREWSAWYNLSVTATETYNVQQISSAHVYVQVLNINDHAPEFSQLYETYVCENAESGEI IQTIS  
 AIDRDESIEDHHFYFNHVEDTNNSSFILTDNQDNTAVILSNRAGFSLKEETVFYMIIL IADNGIPLTTS  
 TNTLTIQVCDGDSRSTETCTSKELLFIMGFKAEAI IAVICVMVIFGFIFLILALKQRRKETLFPKETE  
 DFRENIFCYDDEGGGEEDSEAFDIIELRQSTVMRERKPKRSRAEIRSLYRQSLQVGPDSAI FRKF ILEK  
 LEEANTDSSAPPFDSLQTFAYEGTGSSAGSLSSLGSSVTDQEDDFDYLNDLGPCFKRLANMFGSAVQPDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**ACCN:** NM\_001009448

**ORF Size:** 2310 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001009448.1](#), [NP\\_001009448.1](#)

**RefSeq Size:** 2325 bp

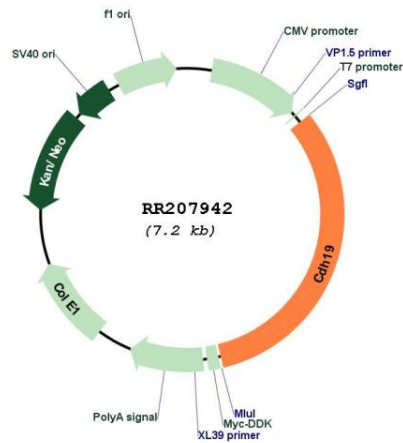
**RefSeq ORF:** 2313 bp

**Locus ID:** 360835

**Cytogenetics:** 13q11

**MW:** 86.8 kDa

**Product images:**



Circular map for RR207942