

Product datasheet for **RN206100**

Cdh16 (NM_001012055) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh16 (NM_001012055) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdh16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206100 representing NM_001012055
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGATCTCTGCCTGGCTGTGGCTACTTTGCTTCTCTGTTATTCAGACTTTACCGCTGAAGCCCAGCCTA
 CAGAAAGCCTGCATACAGAAGTCCCTGAAACTATGGTGAAATTTCCCTTTTACATACTCAAGCTACC
 ACTACCCTTAGGGAAGGATGAAGGTGAGATTGTCTATCAGGAGACTCGGCGACAGCAGCTGAAAAACCC
 TTTGCTGTGGATCCAGATTCTGGCTTTCTGGTGGCAACGAGGGCCCTGGACCGGGAGGAAAAGGCAGAGT
 ACCAACTCCAGGTCACCTTGGAGTCTGAGGATGGACAAGTCTTGTGGGTCCACAGCTTGTGACTGTGCA
 TGTGAAAGATGAGAATGACCAGGTACCCCAATTCTCCAGGCCATCTACAGAGCTCAGCTGAGCCAAGGC
 ACCAGGCTGGGGTCCCCTTCTCTTCTGGAGGTTTCTGATGGGGATGCACCAGGCACAATAACTCAG
 ACCTTCGATTCCACATTCTGAGCCAGTTCACAGTTTACAGACATGTTCCAGCTGGACCTCA
 ACTAGGGCTCTGGCCCTTAGTCCCGATGGAAGCACACCCTAGATCATGCCCTGAAGAGCATTACCAG
 CTATTGTTACAGGTCAAAGACATGGGCGACAGCCTTCAGGCCACAGGCTATGGCGACCTTGGAGATCT
 CCATAGTAGAGAACAGCTGGACACCCCTCGAGCCTGTTCACTTGGCAGAGAATCTCAGAGTGGCATACCC
 GCACAGCATTGCCAGGTGCACTGGGGTGGAGGGGATGTGCATTATCAGCTGGAGAGCCAGCCTCCAGGA
 CCCTTTGAAGTGGATGCAGAGGGGAGGATCCATGTTACCATGGAAGTGGACAGAGAGGCTCAGGCTGAGT
 ACCAGCTCCAAGTCCGAGCTCAGAATCCCGTGGTGAGGACTATGCAGAACCCCTGGAGTTGCAGGTGGT
 GGTGATGGATGAAATGACAATGCACCTGTCTGCTCCCAATGACCAACAATCAGCATCCCTGAGCTC
 AGTCCCCAGGAACTGAAGTGGCCAGGCTCTCAGCAGAGGATTTGGATGCCCCGGATCACCAATTCCC
 ACATTGTGTATCAGTTGTTGAGCCCTGAGCCTGAGCAGGGAGCTGAAAACAAAGCCTTCGAGATAGATT
 AACCTCAGGCAGTGTAACACTGGGAAGTCCCCACTCCATGCTGGCCAGAATATCCTGCTTCAGGTGCTG
 GCTGTTGACTTAGCAGGATCAGAGGGAGGCCTCAGTAGCACATGTGAGGTGGCAGTCATGATCACAGACA
 TCAACAACCATGCCCCTGAGTTCATCAATCCAGATTGGGCCTATAAGTCTTCTGAGGATGTAAGCC
 TGGGTCTCTGGTGGCCACACTCATGGCCACTGATGCTGACCTTGAGCCTGCTTTCCGCTTATGGACTTC
 GCCATTGAAGAAGGAGACCCACAGGGATCTTTGACCTGTCCAGGGAGTCAGACTCTAACCATGTCCAGC
 TCAGACTCCGGAAGAACCTCAGCTATGAGGAAGCTCCTGATCACAAGGTGGTGGTGGTAGTGCAGGATGT
 AGAGGAAGTGGTAGGCCAGGTCCAGGCCCTGCAGCCACAGCCACAGTCACTATACTGGTGGAAAGGGTG
 ATACCACCCCTCAAGTTGACCAGGAGAGCTATGAGACCAGCATCCAGTCAGCACCCAGCTGGCTCCC
 TCTGCTGACCATCCAGCCCTCGGACCCCATGAACAGAACCTCAGGTTCTCCCTGGTCAATGATTCAGA
 GGGCTGGCTCTGCATCAAGGAGGTGTCTGGGGAAGTATACACAGCCCAGTCCCTGCAGGGTGGCCAGCCT
 GGAGACACATACAGAGTCTTGTGGAGGCCAAGACACAGATGAGCCAGAAATGAGCACTTCCACCACCA
 TTGTGGTCCACTTCTGAAGGCTTCTCTGTCCCAGCATTGATTCTGGCCTCCGGGCCAGCCGACACCT
 CTGTACACCCCGCAAGACTACGGTGTGGTGTGAATGGGGTCAGTGAGGACCCTGGCCTGGCCAACAGG
 AATGGTCCCTACAGCTTTGCTCTTGGTCCCAATCCCACTGTGCAGCGGGATTGGCGCCTCCAGCCTCTCA
 ATGATTTCCACGCCTACCTCACCTTGGCATTGCACTGGGTAGAGCCTGGTGAATACACGGTACCTGTGGT
 TGTCACCATGATGCCCCAATGTGGCAACTCCAAGTCCAAGTGATCGTGTGTCGCTGCAATGTGGAGGGT
 CAATGCATGCGCAAGGTGGGTGCGATGAAGGGAATGCCACGAAGCTGTACGCGGTGGGTGTCCTCTTGG
 GCACCCTGGCAGCGATAGGTTTATCCTCATTCTTGTCTTACACACCTGGCCCTGGCGAGGAAGGACCT
 GGATCAGCCGGCAGACAGTGTGCCCTGAAGACAGCCGT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012055

Insert Size: 2493 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:	<u>NM_001012055.1, NP_001012055.1</u>
RefSeq Size:	2894 bp
RefSeq ORF:	2493 bp
Locus ID:	307614
Cytogenetics:	19p14