

Product datasheet for **RN212392**

Cdh13 (NM_138889) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh13 (NM_138889) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdh13
Synonyms:	Cdht; T-cadherin; Tcad
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212392 representing NM_138889
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCGAGAACTCCGCTCACCTGTGCGTCTGCTGTCCAGGTGCTCCTGGTAACATCTCGAGGTG
 ATTTGGACTGCACCCCGGATTCCAGCAGAAAGTGCTACACATCCACCAGCCTGCCGAATTCATCGAGGA
 CCAGCCGGTCTAAACTTGACCTTCAGTACTGCAAGGGCAACAAGAAGCTGCACTATGAGGTCTCAAGC
 CCATACTTCAAGGTGAACAGCGATGGCACCTTAGTGGCTGTCAGAAACATCACTGCGGTGGGAGGACCC
 TGTGTGCCACGCAAGGACTCCTCATGCCGAAGACATGGCAGAACTCGTGATTGTCGGGGGAAAGACAT
 CCAGGGCTCCTTACAGGACATTTTTAAATTTGCAAGGACATCTCCTGTCCCAAGACAAAAGAGGTCCATT
 GTGGTGTCCCATCTTGATCCAGAGAACCAGAGACAGCCCTCCCAAGAGATGTTGGCAAGTCTGTTG
 ATAGTGACAGACCCGAAGGTCCAAGTTCGGCTCACGGGAAGGGAGTGGATCAAGACCCTAAAGGGAC
 TTTCAGAAATCAATGAGAACACGGGAAGCGTCTCCGTGACACGGACCCTGGACAGAGAAACGATCGCTACT
 TATCAACTGTTTGTGGAGACCACAGATGCCAGTGGCAGAACTCTGGAGGGACCAGTGCCTCTGGAAGTCA
 TCGTGATTGATCAGAATGACAACCGACCATCTCCGGGAAGGCCCTTACATCGGCCATGTCATGGAAGG
 GTCACCCACAGGGACCACGGTGTGCGGATGACAGCGTTTGTGTCAGATGACCCGGCCACTGACAACGCT
 CTCCTGCGGTACAACATCCGTCAGCAGACGCTGACAAGCCGCTCCTAACATGTTTACATCGATCCCG
 AGAAAGGAGACATTGTACCCGTGGTGTACCTGCGCTGCTGGACCCGGGAGACTCTGGAACCCCAAGTA
 TGAAGTGCATCGAAGCTCAAGATATGGCAGGACTGGACGTTGGATTGACAGGCACGGCCACAGCCACC
 ATGTGATCGATGACAAAAATGATCACTCACAAAATTCACCAAGAAAGAGTTTCAAGCCACAGTGGAGG
 AGGGAGCCGTGGGAGTCATTGTCAACTTGACAGTGGAAAGACAAAGATGACCCCGCAGAGGAGCATGGAG
 GCGGCATACACCATCATCAATGGAAATCCTGGGCAGAGCTTTGAGATCCACCAACCCACAGACCAAC
 GAGGGCATGCTCTGTGGTCAAGCCCCTGGACTATGAGATCTCTGCCTTTCACACCCTGCTGATCAAAG
 TGGAGAATGAGGACCCATTGGTACCCGACGCTCCTATGGCCCCAGCTCCACGGCCACTGTCCACATCAC
 GGTCTTGGATGTCAACGAGGGACCAGTCTTCTACCCAGACCCCATGATGGTGACCAAACAGGAAAAATC
 TCTGTGGCAGTGTGCTGCTGACAGTGAATGCCACAGACCCGGACTCCCTGCAACATCAAATATCAGGT
 ACTCTGTTTACAAGGACCAGCGGGCTGGCTGAGTATTAACCCCATCAATGGCACTGTGACACCACAGC
 TGTGTTGACCCGGAGTCTCCATTGCTCCACAACAGTGTGTACTGCCCCTTCTCTGGCCATCGACAGC
 GGCAACCTCCTGCGACTGGCACCCGGACTCTGATGATACCCTGGAGGACGTTAACGACAACGCTCCTG
 TCATTTACCCAACGGTGGCTGAAGTCTGCGACGACGCCAGAAACCTCAGGTTGGTATCCTGGGGCTTC
 AGACAAGGACCTTCAACCAACACAGACCCCTCAAGTTCGAGATTCATAAACAGACCGTCCCTGATAAA
 GTCTGGAAGATCTCAAAAATCAACAACCCACGCCCTCGTGAGCCTTCTTTCAGAACTGAAACAAGGCGA
 ACTACAACCTGCCATCATGGTGACGGATTGAGGGAAGCCACCCATGACGAAACATCACGGACCTCAGGGT
 GCAGGTGTGCTCTTGAAGAAGTCCAAGTGGACTGCAATGCGGGCGGGACCCCTGCACCTCAGCCTCAGC
 TTGCTGCTGCTCTTCTCTCCTCAGCTTATTGTCAGGTCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_138889

Insert Size: 2145 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:	<u>NM_138889.2</u> , <u>NP_620244.1</u>
RefSeq Size:	3403 bp
RefSeq ORF:	2145 bp
Locus ID:	192248
Cytogenetics:	19q12
Gene Summary:	cell adhesion molecule; involved in cell growth regulation [RGD, Feb 2006]