

Product datasheet for **RN205464**

Cdh8 (NM_053393) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdh8 (NM_053393) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdh8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205464 representing NM_053393
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGAAAGGCTAGCTGAGACGCTTTTGGACCTCTGGACTCCATTAATAATATTATGGATTACTCTTC
 CCTCTTTTGTGTACATGGCTCCGATGAATCAGGCTCACGTTTTAACTACTGGATCCCTTTGGAACTAAG
 CAGGCAGAGTGAAGAAATGCGGATTTTGAACCGCTCCAAAAGAGTTGGGTTTGAATCAAATGTTTGT
 CTGGAAGAATTTCTGGACCTGAACCGATTCTCGTTGGCCGTTACACACAGATCTGGATCCTGGGAGCA
 AAAAAATCAAGTATATCCTATCGGGTGATGGAGCCGGCACAATCTTCAAATAAACGATATAACTGGAGA
 CATCCATGCTATCAAAGACTTGACCGAGAGGAAAAGGCTGAGTATACGTTAACAGCTCAGGCAGTGGAC
 TGGGAGACAAACAACTCTCGAGCCTCCTTCTGAATTTATTATTAAGGTTCAAGACATCAACGACAATG
 CCCCCGAGTTTCTCAATGGACCTTACCATGCTACTGTTCCAGAGATGTCCATCTTGGGTACATCTGTCAC
 TAATGTAACGGCCACTGATGCTGACGATCCAGTTTATGAAAACAGTGCAAAGTTGGTTTACAGTATCTTG
 GAGGGACAGCCGATTTTTCCATTGAGCCTGAAACAGCTATTATAAAACTGCCCTTCTAACATGGACA
 GAGAGGCCAAGGAGGAATACCTGGTTGTAATTCAAGCCAAAGATATGGGTGGGCATTCCGGTGGTCTGTC
 TGGAAACCACGACACTCACAGTGACGCTTACCGATGTGAATGACAACTCTCCAAAATTTGCTCAAAGTTTG
 TATCACTTCTCAGTACCAGAAGATGTGGTCTTGGCACTGCAATAGGAAGGGTTAAAGCCAATGACCAGG
 ATATTGGTGAAAATGCACAATCTTCTATGACATCATTGATGGAGATGGGACAGCACTATTTGAAATCAC
 TTCTGATGCCCAGGCACAGGATGGTGTATAAGACTAAGAAAGCCTCTGGACTTTGAGACCAAAAAATCC
 TATACTCTGAAGGTGGAGGCAGCCAATATCCACATCGACCCACGTTTCAGTGGCAGGGGACCCCTTAAAG
 ATACAGCAACAGTCAAAATTGTTGTAGAGGATGCTGATGAGCCTCCGGTCTTCTTCCACGACTTACCT
 CCTTGAAGTTTCATGAAAATGCTGCCTTGAACCTCTGTGATTGGCCAAGTGACAGCTCGTGACCCTGATATC
 ACTTCCAGCCCAATAAGGTTTTCCATTGACCGCCACACTGACTTGGAGAGACAGTTCAACATCAATGCAG
 ATGATGGGAAGATAAACTGGCGACCCCACTGGACAGAGAACTAAGTGTGTGGCACAACATCTCCATCAT
 TGCTACTGAGATCAGGAACACAGTCAGATATCGCGAGTGCCTGTTGCTATTAAGTGTGGATGTCAAT
 GACAACGCCCCTGAATTCGCGTCCGAATATGAGGCATTTTATGTGAAAATGGAAAACCCGGCCAAGTCA
 TTCAAACAGTAAGCGCCATGGACAAAGACGATCCCAAAATGGACATTTTTCTGTACAGTCTTCTTCC
 AGAAATGGTCAACAACCCAAATTTACCATCAAGAAAAACGAAGATAATCCCTGAGCATTCTGGCAAAA
 CATAATGGATTCAACCGCCAGAAGCAAGAAGTCTACCTTCTGCCTATCGTGATCAGTGACAGTGGGAACC
 CCCTCTGAGTAGCACCAGTACCCTGACCATCCGCGTCTGTGGCTGTAGCAATGACGGCGTGGTTCAAGTC
 GTGCAATGTGCAAGCTTATGTCCTTCTATTGGGCTCAGTATGGGCGCGTTAATTGCTATATTAGCTGC
 ATCATTTTGTGCTCGTCATTGTGGTCTGTTCTGTTACCTGAGGCGGCATAAAATGAACCACTAATAA
 TCAAAGATGATGAAGACGTTTCGAGAAAACATATTGCTACGACGACGAAGGAGGCGGGGAGGAGGACAC
 AGAGGCTTTTGACATTGCAACTTTGCAAAACCCAGATGGAATTAATGGATTTTACCCCGTAAGGATATT
 AAACCAGATTTGCAGTTTATGCCAAGGCAAGGGCTTGTCCAGTTCCAAATGGTGTGATGTCGATGAAT
 TTATAAATGTAAGGCTTCATGAGGCAGATAATGACCCACGGCCCCACCATGACTCCATTGAGATTTA
 TGGCTATGAAGGCCGAGGGTCTGTGGCTGGCTCTCTCAGCTCGTTGGAGTCCACCACATCAGACTCAGAC
 CAGAAATTTTGAATACCTCAGTGACTGGGTCCCCGCTTAAAGAGACTGGGCGAACTCTACTCTGTTGGTG
 AAAGTGACAAAGAACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053393
Insert Size: 2400 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_053393.2</u> , <u>NP_445845.2</u>
RefSeq Size:	3123 bp
RefSeq ORF:	2400 bp
Locus ID:	84408
Cytogenetics:	19p13
Gene Summary:	may play a role in cell-cell adhesion during spermatogenesis [RGD, Feb 2006]