

Product datasheet for **RN201267**

Chdh (NM_198731) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chdh (NM_198731) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chdh
Synonyms:	CDH; CHD
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201267 representing NM_198731
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGCAGGTCCTTAGAAGCTGGAGCAAAGATGTCTGAGCCACGTGGAGCCCTGGCTTGGGCTGCGC
 AGGGCCAGCCACGTCCCCCTGCAGCTGCGCTGTTGCTAGCGCCGCTCTGGGGCAAGGATGAGTACAC
 TTCATCGTGGTGGGCGCAGGCTCTGCTGGCTGCGTGCTGGCCAATCGGCTCACTGAGGACCCGAATCAT
 CGGGTACTGCTACTGGAGGCGGGGCCAAAGACTTGTGATGGGGAGCAAGCGGCTTCAGTGGAAGATCC
 ACATGCCAGCTGCCCTTGTGGCCAACTGTGCGACGACAAATACTGGTACTATCACACTGAGGCTCA
 GCCCGCCTAGATGGCCGGTACTGTACTGGCCACGAGGCCGGTCTGGGGGGTTCTCTCCCTCAAT
 GCCATGGTCTACATCCGAGGTATGCGGAGGACTATAACCGCTGGCACCGCCAAGGTGCTGAGGGCTGG
 ACTATGCACACTGCCTGCCCTACTTCCGAAGGCACAGAAACATGAGCTAGGTGCCAATATGTACCGTGG
 TGGGGATGGCCACTGCATGTGTCTCGGGCAAACCAACCACCCACTCCACCAGCCTTCTGCAGGCCA
 GCACGTACAGGCTGGCTACCCCTTCACTGAAGACATGAATGGCTTCCAACAGGAGGGCTTCGGCTGGATGG
 ACATGACCATCCACCAAGGAAGCGCTGGAGCACGGCCAGTGCCTACTTGCGCCACGCGCTGAGCCGCC
 CAACCTCAGGGCCGAGGTCCAGACACTTGAAGCAGAGTGTGTTTGGGGCACGCGAGCAGTGGGCGTG
 GAGTACATCAAGGACGGCCAGAGCCACAAGGCTTACGTGAGCAGGGAGGTGATCCTGAGCGGGGGGCCA
 TCAACTCTCCACAGCTGCTCATGCTCTCTGGTGTGGGAATGCAGATGACCTCAAGAACTGGGCATCCC
 TGTGGTGTGCCATCTGCCCGGAGTTGGTCAGAACCTGCAGGACCCTGGAGATCTACATTCAGCATGCT
 TGCACACAGCCCATCACCTCCACTCTGCCAGAAGCCTCTGCGGAAGGTCTGCATCGCCCTGGAGTGGC
 TCTGGAGGTTACAGGAGATGGAGCCACAGCCCATCTAGAGACCGGAGGGTTCATCCGACCCGGCCTGG
 GGTCCCCATCCGGACATCCAGTTCACCTTCTGCCATCACAAAGTATTGACCATGGGCGGAAACCTACC
 CAGCAGGAGGCCTACCAGGTACATGTGGGAACCATGAGGGCCACAAGTGTGGGCTGGCTGAAACTGAGAA
 GCACCAACCTCAGGACCACCAATGATCAATCCCAACTACCTGTCAACAGAAACCGATGTCGAGGACTT
 CCGTCAGTGTGTGAAGCTGACACGGGAAATTTTTGCACAGGAAGCCTTCGCTCCCTTTGGGGCAAAGAG
 CTGCAGCCGGGAAGCCATGTCCAGTCAGACAAAGAGATAGATGCCTTTGTGCGGGCAAAGCAGACAGTG
 CATAACATCCCTCCTGTACCTGTAAGATGGCCAGCCCTCTGACCCACTGCTGTGGTTGATCAGCAAAC
 CAGGGTCATCGGGTAGAAAACCTCAGAGTCATTGATGCCTCCATCATGCCAGTGTGGTCACTGGCAAC
 CTGAACGCTCCCACGATCATGATTGCAGAGAAAGCAGCTGACGTTATTAAGGGATGCCCTGCACTCGGGG
 ACGAGAATGTTCTGTCTACAAGCCCCAGACTCTGGACACCCAGCGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_198731

Insert Size: 1800 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: [NM_198731.2](#), [NP_942026.1](#)

RefSeq Size: 3435 bp

RefSeq ORF: 1800 bp

Locus ID: 290551

UniProt ID: [Q6UPE0](#)

Cytogenetics: 16p16

Gene Summary: catalyzes the conversion of choline and an acceptor to betaine aldehyde and a reduced acceptor [RGD, Feb 2006]