

Product datasheet for **MC228410**

Chdh (NM_172264) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chdh (NM_172264) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chdh
Synonyms:	AU041472; D630034H06Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228410 representing NM_172264
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGGCAGGTCCTTAGAGGCTGGAGAAAGGATGGCAGAGCCACGTGGAGCCCTGGCATGGGCTGTGC
 AGGGCCAGCCATGCCCCCTTGACGCCGCTGTTGCCAGTGTGGCAAGGATGAGTACACCTTTGTGGT
 GGTGGGCGCAGGCTCTGTGGCTGTGTGCTGGCTAGTCGGCTCACCGAGGACCCGAATCATCGGGTGTG
 CTGCTAGAGGCAGGACCTAAGGACTTGTGATGGGGAGCAAGCGCTTCAGTGGAAAGATCCACATGCCGG
 CTGCCCTGTGTCCAACCTGTGTGATGACAAATACAACCTGGTACTATCACACTGAGCCTCAGCCCGCAT
 GGACAGTCGCGTGTACTGGCCACGAGGCGGGTCTGGGGTGGCTCCTCATCCCTCAATGCCATGGTC
 TACATCCGAGGACACGCCGAGGACTATAACCGCTGGCACCCTGAAGGTGTGAGGGTTGGGACTATGCAC
 ACTGCCTGCCCTACTTCCGAAGGCGCAGAGACATGAGCTGGGTGCCAATATGTACCGCGGTGGGGATGG
 CCCACTGCATGTGTCTCGGGCAAGACCAACACCCGCTTACCAGGCCCTCCTGCAGGCAGCACGTGAG
 GCTGGCTACCCCTTCACTGAAGACATGAATGGCTTCCAACAGGAGGGCTTCGGCTGGATGGACATGACTG
 TCCACCAAGGGAAGCGCTGGAGCACAGCCTGCGCCTACTTGCACCCGGTGTGAGCCGCCCAACCTCAG
 GGCCGAGGTCCAGACACTTGTAAAGCAGAGTGTGTTTGGAGGCCACCCGTGCAGTAGGTGTGGAGTACATC
 AAGGACGGCCAGAGACACAAGGCTTACGTACGAGGGAGGTGATCCTGAGCGGGGAGCCATCAACTCTC
 CACAGTGTCTCATGTCTCTGGCGTTGGCAATGCAGATGACCTCAGGAAACTGGATATCCCTGTGGTGTG
 CCACCTGCCTGGAGTTGGGCAGAACCTGCAGGACCACCTGGAGGTCTACGTTACAGCAAGCGTGCACACAG
 CCCATCACCTCCACTTGCCCAGAAGCCTCTGCGGAAGTCTGCATCGGCCCTGGAGTGGCTCTGGAGCT
 ACACAGGGGACGGAGCCACAGCCCATCTTGAGACCGGAGGGTTCATCCGCAGCCGACCTGGGGTCCCTCA
 TCCGGACATCCAGTTCCTTCCACTTCCGATCGCAAGTGATTGACCATGGGCGGAAACCCACCCAGCAGGAA
 GCTTACCAGGTGCACGTGGGAACCATGAGGGCCACAAGTGTGGGCTGGCTGAAACTGAGAAGTGCCAACC
 CCCGGGACCACCTGTGATCCATCCCACTACTTGTCAACAGAAACCGATGTCGAGGACTTCCGTGAGTG
 TGTGAGGCTGTCACGAGAAATTTTGGCCAGGAAGCCTTGGCTCCATTTCCGGGAAAAGAGCTGCAGCCC
 GGAAGCCACGTCCAGTACAGCAAAGAGATAGATGCCTTTGTGCGGGCAAAAGCAGACAGTGTACCACC
 CCTCGTGCACCTGTAAGATGGGCCGCTCTGACCCACTGCCGTGGTTGACGCGCAAACCAAGGTGAT
 CGGCGTAGAAAACCTCAGGGTCGTTGATGCCTCCATCATGCCAGCGTGGTCAGCGGCAACCTGAACGCT
 CCCACGGTAATGATTGCAGAGAAAGCAGCCGACATTATAAGGGACACCCTGCACCTTGGGACAAGAAATG
 TTCTGTCTACAAGCCCCAGACTCTGGACACCCAGCGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_172264
- Insert Size:** 1791 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_172264.2](#), [NP_758468.2](#)

RefSeq Size: 5450 bp

RefSeq ORF: 1791 bp

Locus ID: 218865

UniProt ID: [Q8BJ64](#)

Cytogenetics: 14 B