

Product datasheet for **MC205894**

Ldhd (NM_027570) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldhd (NM_027570) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ldhd
Synonyms:	4733401P21Rik; D8Bwg1320e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC055443
 TCGGGTCTGGCTATGGCCATGCTCCTTCGGGTGGCCACCCAGAGGCTGTCTCCCTGGAGGAGTTTCTGCT
 CCAGGGGGTTCGCAGGGTGGACTCAGCCAGGACTTTGTGGAGGCTCTGAAGGCAGTTGTAGGGAGCCCCCA
 CGTGTCCACTGCTTCTGCAGTCAGAGAGCAACACGGGCATGATGAATCGATGCACAGGTGTCAACCTCCT
 GATGCTGTGGTTTGGCCCTCAGAATGTGGACCAGGTCAGCCGAGTGGCAAGCCTGTGCTACAATCAAGGTG
 TTCCCATCATCCCATTTGGCACAGGCACCGGTGTTGAGGGGGAGTCTGTGCTGTCAGGGTGGAGTGTG
 CATCAACCTGACCCATATGGACCAGATCACGGAGCTGAATACAGAAGACTTCTCCGTGGTGGAGCCCT
 GGAGTCACCCGTAAGCTCTCAATACCCACCTGCGTGACAGTGGCCTTTGGTTTCTGTTGACCCAGGCG
 CAGATGCTTCTGTGTGGCATGGCAGCCACCGGGCCTCGGGCACCAATGCTGTGCGCTATGGAACCAT
 GCGGGACAACGTGATTAACCTGGAGGTAGTGTGCCTGACGGCAGGCTGTTACACCCGACGGCCGGGGC
 CGCCATTACAGGAAGAGTGCAGCTGGCTACAATCTCACAGGACTCTTTGTGGGCTCTGAGGGACCTGG
 GCATCATTACATCAACCACCTGCGCCTGCACCCTGCGCCGGAAGCAACGGTGGCTGCCACCTGTGCGTT
 CCCCAGTGTTCAGCGGCTGTGGACAGCACAGTTCAGATCCTCCAGGCTGCAGTGCCCGTGGCTCGCATT
 GAGTTCCTAGATGATGTCATGATGGATGCCTGCAACAGACACAGCAAACCTAACTGCCCCGTGGCACCCA
 CGTTTTCTGGAGTTCACGGTCCCAGCAGACTGGCGGAACAGCTGCAGCGCACAGAGGCAATCAC
 TCAGGATAATGGTGGCTCTCACTTCTCCTGGGCCAAGGAGGCCGAAAAGCGCAATGAACTTTGGGCAGCG
 CGGCACAATGCTTGGTATGCAGCCTTGGCCCTGAGTCCAGGAAGTAAGGCCTATTCCACGGACGTGTGTG
 TACCCATCTCCCGGCTGCCAGAGATCTTGGTAGAGACCAAGGAGGAGATTAAGCTTCAAAACTCACAGG
 AGCCATCGTTGGGCATGTGGGTGATGGCAACTTTCACTGCATCCTCCTGGTCGACCCAGATGATGCAGAG
 GAGCAGAGGAGGGTCAAGGCCTTTGCAGAAAATCTGGGCAGGCGGGCCCTGGCACTCGGTGGGACATGCA
 CTGGAGAACATGGCATCGGACTGGGCAAGCGACAGCTGCTCCAAGAGGAAGTGGGCCCGTGGGCGTGG
 GACCATGCGGCAGCTCAAAAACACACTGGATCCCCGTGGTCTCATGAACCCAGGCAAAGTCTATGAGGA
 ATGTGTAACCCTTGCTGGCAATCTCCAGAACAAGCCCGCCCTGTTCTGGTCTTTTCTTCTCATGCC
 AACGATCGAGCACGAAATGGAAGGGCTGATGCTATCTATCTATCTATCTATCTATCTATCTATCTATCTA
 TGCTTCCAGGTAGCCTCTGTAGCTGGGGCTCAAGATGAAGGTGAGGGAGCTGGACTCTCTCACAGAAAG
 CTGCTACCCTTGTCTTAGGAGCCTTTTACTCCGGTAGAAAACCCAGGGTGTTCACAGTGGGGTGTCTT
 CCTGGCTGGCAGAGGTGGTGTGGATCTACTCCAAGCTAAGATCAGATCCCAGATCCGTCTGTGGGGCCT
 CTCCTCTGCTGGTGCCTGCATCATGACTACCCTGTATATATGATGACAGGAGCGTTTCTTTCTTGC
 GAGGGAGGGAGGACCGTCCATCCGGCACTGTTGGGCCGGCTCTTTGGTACGTGAGCCCGTTTGCAGC
 TGCATCCTTTCCCTCTAGGTCTTTGACCTTGGGCTAAAAGCATTGTTTGGGCCCATCCCCAGAC
 TAACTGTAGCCTGGGAGGGGATGGAGTTCAAGTTTTGGAAGAAAGTCAGTCCCAGCCCCTGCTTTTG
 CATACCTGAGGCAGGAGACCTGCCAGTGGTGGAGGTCACCTGACAGCTTCCCACAGGAAACTGAAGCA
 CCTTCTCAAGCTGTTATGGTGGACAATAGAAATACAGATGAACTAACCTAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_027570
- Insert Size:** 1455 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: [BC055443](#), [AAH55443](#)

RefSeq Size: 2235 bp

RefSeq ORF: 1455 bp

Locus ID: 52815

UniProt ID: [Q7TNG8](#)

Cytogenetics: 8 57.98 cM

Gene Summary: Involved in D-lactate, but not L-lactate catabolic process.[UniProtKB/Swiss-Prot Function]