

## Product datasheet for **MR207759**

### Ldhd (NM\_027570) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ldhd (NM_027570) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ldhd
Synonyms:	4733401P21Rik; D8Bwg1320e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207759 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCATGCTCCTTCGGGTGGCCACCCAGAGGCTGTCTCCCTGGAGAGTTTCTGCTCCAGGGGTGCG  
 AGGGTGGACTCAGCCAGGACTTTGTGGAGGCTCTGAAGGCAGTTGTAGGGAGCCCCACGTGCCACTGC  
 TTCTGCAGTCAGAGAGCAACACGGGCATGATGAATCGATGCACAGGTGTCAACCTCTGATGCTGTGGTT  
 TGGCCTCAGAATGTGGACCAGGTCAGCCGAGTGGCAAGCCTGTGCTACAATCAAGGTGTTCCCATCATCC  
 CATTGGCACAGGCACCGGTGTTGAGGGGGAGTCTGTGCTGTGCAGGTTGGAGTGTGCATCAACCTGAC  
 CCATATGGACCAGATCACGGAGCTGAATACAGAAGACTTCTCCGTGGTGGAGCCTGGAGTCAACCGT  
 AAAGCTCTCAATACCCACCTGCGTGACAGTGGCCTTTGGTTTCTGTTGACCCAGGCGCAGATGCTTCTC  
 TGTGTGGCATGGCAGCCACCGGGCCTCGGGCACCAATGCTGTGCGCTATGGAACCATGCGGGACAACGT  
 GATTAACCTGGAGGTAGTGTGCTGACGGCAGGCTGCTTACACCGCAGGCCGGGGCCGCCATTACAGG  
 AAGAGTGCAGCTGGCTACAATCTCACAGGACTCTTGTGGGCTCTGAGGGGACCCCTGGGCATCATTACAT  
 CAACCACCTGCGCCTGCACCCTGCGCCGGAAGCAACGGTGGCTGCCACCTGTGCGTTCCCCAGTGTTC  
 AGCGGCTGTGGACAGCACAGTTCAGATCCTCCAGGCTGCAGTGCCTGGCTCGCATTGAGTTTCTAGAT  
 GATGTCATGATGGATGCCTGCAACAGACACAGCAAACCTTAACTGCCCCGTGGCACCCACGCTTTTCTGG  
 AGTTCCACGGTCCCAGCAGACTGGCGGAACAGCTGCAGCGCACAGAGGCAATCACTCAGGATAATGG  
 TGGCTCTCACTTCTCTGGGCCAAGGAGGCCGAAAAGCGCAATGAACTTTGGGCAGCGGGCACAATGCT  
 TGGTATGCAGCCTTGGCCCTGAGTCCAGGAAGTAAAGCCTATCCACGGACGTGTGTGTACCCATCTCCC  
 GGCTGCCAGAGATCTTGGTAGAGACCAAGGAGGAGATTAAGCTTCAAACCTCACAGGACCATCGTTGG  
 GCATGTGGGTGATGGCAACTTTCACCTGCATCCTCCTGGTCGACCCAGATGATGCAGAGGAGCAGAGGAGG  
 GTCAAGGCCTTTGCAGAAAATCTGGGCAGCGGGCCCTGGCACTCGGTGGGACATGCACTGGAGAACATG  
 GCATCGGACTGGGCAAGCGACAGCTGCTCAAGAGGAAGTGGGCCCGTGGGCGTGGAGACCATGCGGCA  
 GCTCAAAAACACTGGATCCCCGTGGTCTCATGAACCCAGGCAAAGTGCTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207759 protein sequence  
 Red=Cloning site Green=Tags(s)

MAMLLRVATQRLSPWRSFCSRGSQGLSQDFVEALKAVVGSPhVSTASAVREQHGHDSEMHRCQPPDAV  
 WPQNVDQVSRVASLCYNQGVPIIPFGTGTGVEGGVCAVQGGVCINLTHMDQITELNTEDFSVVVEPGVTR  
 KALNTHLRDGLWFPVDPGADASLGGMAATGASGTNAVRYGTMRDNVINLEVVLPDGRLLHTAGRGRHYR  
 KSAAGYNLTGLFVGSEGLGIITSTTLRLHPAPEATVAATCAFPVQAQAVDSTVQILQAAPVVARIEFLD  
 DVMMDACNRHSLNCPVAPTLFLEFHGSQQLAEQLQRTEAITQDNGGSHF SWAKEAEKRNELWAARHNA  
 WYAALALSPGSKAYSTDVCPISRLPEILVETKEEIKASKLTGAI VGHVGDGNFHCILLVDPDDAEEQRR  
 VKAFAENLGRRALALGGTCTGEHGI GLGKRQLLQEEVGPVGVETMRQLKNTLDPRGLMNP GKVL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

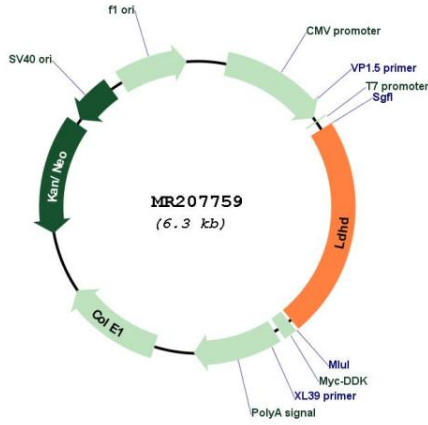


Cytogenetics: 8 57.98 cM

MW: 51.8 kDa

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

**Product images:**



Circular map for MR207759