

## Product datasheet for **RN201555**

### **Ldhd (NM\_001008893) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ldhd (NM_001008893) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ldhd
Synonyms:	Ac2-202
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201555 representing NM\_001008893  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCTGGTATATGGAGCAGTGAACAGCAGGAGGCCATCTCAGCAAGGCATGTCTGTGGCTTCTGCT  
 GTCTTTCCTACGACCCCTTGCACTGTTTCTCCCTGCAGGGTGGACTCAGCCAGGACTTTGTGGAGGCTCT  
 GAAGGCAGTTGTAGGGAGCCCCATGTGTCCACTGCTTCTGCGGTGAGACAGCATCATGGGCATGATGAA  
 TCAATGCACAGGTGTCGACCTCCTGATGCTGTGGTGTGGCCTCAGAATGTGGACCAGGTGAGCCGACTGG  
 CAAGCCTGTGCTACAATCAAGGTGTTCCCATATCCATTTGGCACAGGCACCGGTGTTGAGGGGGGAGT  
 GTGTGCTGTGCAGGGTGGAGTGTGCATCAGCCTGACTCACATGGACCAGATCATGGAGCTGAACACAGAA  
 GACTTCTCAGTGGTTGTGGAGCCTGGCGTACCCGTAAGCTCTCAATACCCACCTGCGTAACAGCGGCC  
 TTTGGTTCCAGTTGACCAGGTGCAGATGCTTCTGTGTGGCATGGCAGCCACTGGGGCTCGGGCAC  
 CAATGCTGTGCGCTATGGAACCATGCGTGACAATGTGATCAACCTGGAGGTGGTGTGCCTGACGGCAGG  
 CTGCTTACACGGCAGGCCGGGGCCGCAATTATAGGAAGAGTGCAGCTGGCTACAATCTCACAGGACTCT  
 TTGTGGGCTCTGAGGGGACTCTGGGCATCATTACATCTGCCACCCTGCGCTGCACCCTGCACCCGAAGC  
 CACAGTGGCTGCTACCTGTGCGTTCCTCCAGCGTTCAAGCTGCTGTGGATAGCACAGTTGAGATCCTCCAG  
 GCTGCAGTGCCTGTGGCCCGCATCGAGTTCTGGATGAAGTCAATGATGGATGCCTGCAACAGACACAGCA  
 AACTTAACTGCCCTGTGGCCCCACACTTTTCTGGAGTTCACGGTTCCAGCAGGCACTGGCAGAAACA  
 GTTGCAGCGCACAGAGGCAATCACTCAGGATAATGGCGGCTCTCACTTCTCTGGCCAAAGGAGGCCGAA  
 AAGCGCAATGAACTTTGGGCTGCACGGCACAATGCTTGGTATGCAGCTTTGGCCCTGCGTCCAGGAAGAG  
 TCATTGTTGGGCATGTGGGTGACGGCACTTTCAGTGCATCCTGTTGGTCAACCCAGATGATGTGGAGGA  
 GCAGAGGAGGGTCAAGGCCTTTGCAGAAAATCTGGGCAGGCGTGCCTGGCACTCCATGGGACATGTACC  
 GGAGAACATGGCATCGGTCTGGCAAGAGGCAGCTGCTTCAAGAGGAAGTGGTCTGTGGTGTGGAGA  
 CCATGAGGCAACTCAAAGACACTGGATCCCCGAGTGTCTTTCAGAAAAAAGGAGGATGAAGAGGAAGAA  
 GAGGAAGG  
 GGCGACCATGCTGCCGACGCTCCTTTCTGCAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001008893

**Insert Size:** 1506 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\\_001008893.1](#), [NP\\_001008893.1](#)

**RefSeq Size:** 1512 bp

**RefSeq ORF:** 1506 bp

**Locus ID:** 307858

**Cytogenetics:** 19q12