

Product datasheet for MR204957

Ldhb (NM_008492) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldhb (NM_008492) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ldhb
Synonyms:	A1790582; H-Ld; H-Ldh; Ldh-; Ldh-2; LDH-B; LDH-H; Ldh2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204957 representing NM_008492 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGGCAACCCCTTAAGGAGAAGCTCATTGCGTCCGTTGCAGATGATGAGGCTGCCGTCCCGAACAAACAAGATCACTGTAGTGGCGTTGGACAAGTGGGTATGGCATGTGCCATCAGCATTCTGGGAAAGTCTCTGGCTGATGAAGTGGCCCTGGTGGATGTGTGGAAGACAAGCTCAAAGGAGAGATGATGGACCTGCAGCACGGGAGCTTGTTCCTCCAGACTCCGAAAATTGTGGCCGATAAAGATTACTCTGTGACAGCCAACCTCTAAGATTGTGGTGGTGACGGCAGGAGTCCGCCAGCAGGAGGGGAGAGTCCGGCTCAACCTGGTGCAGAGAAATGTCAACGTGTCAAGTTCATCATTCCCTCAGATCGTCAAGTACAGCCCTGACTGCACCATCATCGTGGTTTCCAACCCAGTGGATATTCTGACTTACGTACCTGGAACCTGAGCGGGCTACCTAAGCACCGTGTGATTGGAAGCGGATGCAATCTGGATTCTGCTCGATTCCGCTACCTCATGGCAGAGAAGCTTGGCATTATCCCAGCAGCTGCCACGGATGGATCCTGGGCGAGCATGGAGACTCCAGTGTGGCTGTGTGGAGCGGGGTGAATGTGGCAGGAGTCTCCCTCCAGGAAGTGAATCCAGAAATGGGGACAGACAATGACAGTGAGAACTGGAAGGAGGTGCATAAGATGGTGGTGGACAGTGCCTATGAAGTCATCAAGCTCAAAGGCTACACCAACTGGGCCATCGGCCTGAGCGTGGCTGACCTCATCGAGTCCATGCTGAAAAACCTCTCCCGATTACCCCGTGTCTACCATGGTGAAGGGAATGTACGGCATTGAGAATGAAGTCTTCTCAGTCTCCCGTGCATCCTCAATGCTCGGGGGCTGACCAGCGTCATCAATCAGAAGCTGAAGGACGATGAGGTGCTCAGCTCAGGAAGAGTGCCGACACCCCTGTGGGACATCCAGAAAGACCTCAAAGACCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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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_008492.3](#)

RefSeq Size: 1324 bp

RefSeq ORF: 1005 bp

Locus ID: 16832

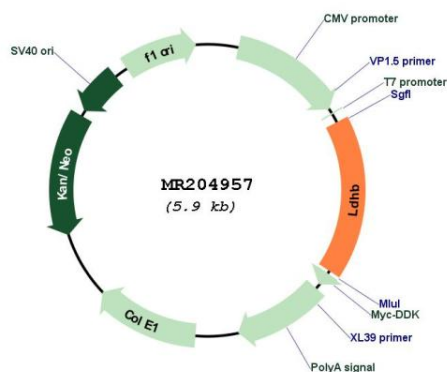
UniProt ID: [P16125](#)

Cytogenetics: 6 74.17 cM

MW: 37 kDa

Gene Summary: This gene encodes the B subunit of lactate dehydrogenase enzyme, which catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺ in a post-glycolysis process. Alternatively spliced transcript variants have also been found for this gene. Recent studies have shown that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is localized in the peroxisomes. Pseudogenes have been identified on chromosomes 1 and 19. [provided by RefSeq, Feb 2016]

Product images:



Circular map for MR204957