

Product datasheet for MR227451

Ldha (NM_001136069) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldha (NM_001136069) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ldha
Synonyms:	I7; I7R2; LDH; Ldh-; Ldh1; Ldhm
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR227451 representing NM_001136069 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTAAGTCCTCAGGCGGCTACACGTACACGGAGACCTCGGTATTATTTTTCCATTTCAAGGTCTCAA
AAGATTCAAAGTCCAAGATGGCAACCCTCAAGGACCAGCTGATTGTGAATCTTCTTAAGGAAGAGCAGGC
TCCCCAGAACAAGATTACAGTTGTTGGGGTTGGTGTCTTGGCATGGCTTGTGCCATCAGTATCTTAATG
AAGGACTTGGCGGATGAGCTTGGCCTTGTGACGTCATGGAAGACAACTCAAGGGCGAGATGATGGATC
TCCAGCATGGCAGCCTTTCCTTAAAACACAAAAATTGTCTCCAGCAAAGACTACTGTGTAAGTCCGAA
CTCCAAGCTGGTCAATATCACCGCGGGGCCCGTCAGCAAGAGGGGAGAGCCGGCTCAACTGGTCCAG
CGAAACGTGAACATCTTCAAGTTCATCATTCCCAACATTGTCAAGTACAGTCCCACTGCAAGCTGCTGA
TCGTCTCCAATCCAGTGGATATCTTGACCTACGTGGCTTGGAAAAATCAGTGGCTTTCCAAAAACCGAGT
AATTGGAAGTGGTTGCAATCTGGATTACGCGCGGTTCCGTTACCTGATGGGAGAGAGGCTGGGGTTAC
GCGCTGAGCTGTACGGCTGGTCTGGGAGAACATGGCGACTCCAGTGTGCCTGTGTGGAGTGGTGTGA
ATGTTGCCGGCTCTCCCTGAAGTCTCTAACCAGAAGTGGGCACTGACGCAGACAAGGAGCAGTGGAA
GGAGTTTACAAGCAGGTGGTGGACAGTGCCTACGAGGTGATCAAGCTGAAAGGTTACACATCCTGGGCC
ATTGGCCTCTCTGTGGCAGACTTGGCTGAGAGCATAATGAAGAACCTTAGCGGGTGCATCCCATTTCCA
CCATGATTAAGGGTCTCTATGGAATCAATGAGGATGTCTTCCCTCAGTGTCCCATGTATCCTGGGACAAAA
TGGAAATCTCGGATGTTGTGAAGGTGACACTGACTCCTGAGGAAGAGGCCCGCCTGAAGAAGAGCGCAGAC
ACCCTCTGGGAATCCAGAAGGAGCTGCAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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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_001136069.2](#), [NP_001129541.2](#)

RefSeq Size: 1854 bp

RefSeq ORF: 1086 bp

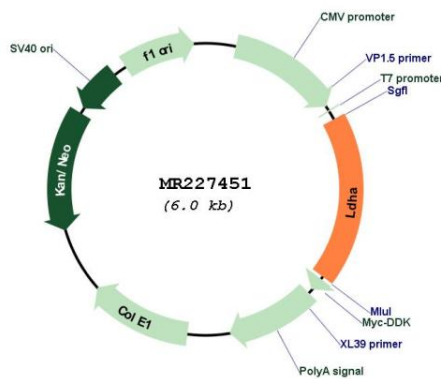
Locus ID: 16828

Cytogenetics: 7 30.6 cM

MW: 39.8 kDa

Gene Summary: The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to hemolytic anemia and early postimplantation death in mice. Multiple transcript variants encoding different isoforms have been found for this gene. The mouse genome contains multiple pseudogenes of this gene. [provided by RefSeq, May 2013]

Product images:



Circular map for MR227451