

Product datasheet for RN214079

Ldhc (NM_017266) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ldhc (NM_017266) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ldhc
Synonyms:	Ldh3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214079 representing NM_017266 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACTGTCAAGGAGCAGCTAATTCAGAACCTAGCTCCAGATGAAAAACAATCCCGGTGTAAGATCA
CTGTGGTCGGAGTTGGAAATGTGGGCATGGCGTGTGCCATTAGTATTTACTGAAGGGTCTGGCTGATGA
ACTTGGCCTTGTTGATGCTGATGAGAACAACCTGAAGGGAGAGGCACTGGATCTTCTGCATGGCAGCCTT
TTCCTCAGCACTCAAAAATCGCTTTGGAAAAGATTACAGTGTATCTGCCAACTCCAACTGGTTATTA
TCACTGCTGGTGAAGAATGGTGAAGTGGAGAATCTCGTCTTGGCCTGCTCCAACGTAATGCTACTATCAT
GAAAGCCATCGTTCCCGCGTAATCCAAAACAGTCCGGACTGTAAAATAATGATTGTACAAAACCCAGTC
GATATTTTGACATACGTGGTTTGGGAAGATAAGTGGCCTCCCTGTAAGCAGTGTGATTGGAAGTGGCTGTA
ACCTAGACTCCGCTCGTTCCGTTACCTGATTGGAGAGAAGCTGGGTGTCAACCTTCGAGCTGCCATGG
CTGGGTCTTGGAGAACATGGGGACTCCAGTGTGCCATATGGAGTGGTGTGAACATTGCTGGCGTAACT
CTGAAGTCACTGAACCCAGCAATAGGATCCGACTCCGATAAGGAACAGTGGAAAACCGTTCAACAAGCAGG
TGGTGGATGGTGGCTATGAGGTCCTTAACCTGAAGGGCTATACCTCTTGGGCCATTGGCGTGTCTGTGAC
TGATATCGCTGCATCAATCTTGAAGAATCTTAAGAGGGTGCATGCTGTTACTACGCTGGTTAAGGGCTTA
TATGGGATAAAGGAAGAAATCTTCTCAGTATCCCGTGTGTCTTGGGACAAAGTGGCATCACAGACCTTG
TGAAAGTCAACATGAACCCGAGGAGGAAGCTTTTTAAGAAGATTGCGACATACTCTGGAACATCCA
GAAAGATCTGCAATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_017266
Insert Size:	999 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:	<ol style="list-style-type: none">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_017266.2 , NP_058962.2
RefSeq Size:	1193 bp
RefSeq ORF:	999 bp
Locus ID:	29634
Cytogenetics:	1q22
Gene Summary:	member of the lactate dehydrogenase family, which catalyzes the conversion of lactate to pyruvate [RGD, Feb 2006]