

## Product datasheet for **SC212432**

### LDHA (NM\_001165416) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** LDHA (NM\_001165416) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** LDHA  
**Synonyms:** GSD11; HEL-S-133P; LDHM; PIG19  
**ACCN:** NM\_001165416  
**Insert Size:** 1323 bp  
**Insert Sequence:** >SC212432 3'UTR clone of NM\_001165416  
 The sequence shown below is from the reference sequence of NM\_001165416. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGTGGTTGAGAGGGTCTTTACGGAATAAAGGATGATGTCTTCCTTAGTGTTCCTTGCATTTTGGGAC
AGAAATGGAATCTCAGACCTTGTGAAGGTGACTCTGACTTCTGAGGAAGAGGCCCGTTTGAAGAAGAGTG
CAGATACACTTTGGGGATCCAAAAGGAGCTGCAATTTTAAAGTCTTCTGATGTCATATCATTCTACTG
TCTAGGCTACAACAGGATTCTAGGTGGAGTGTGCATGTTGTCCTTTTATCTGATCTGTGATTAAG
CAGTAATATTTTAAAGATGGACTGGGAAAAACATCAACTCCTGAAGTTAGAAATAAGAATGGTTTGTAAA
ATCCACAGCTATATCCTGATGCTGGATGGTATTAATCTTGTGTAGTCTTCAACTGGTTAGTGTGAAATA
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GAGTCACATCCTGGGATCCAGTGTATAAATCCAATATCATGTCTTGTGCATAATTCTTCCAAGGATCT
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TCATTATATTAAGATATAAAGTCATAAAGCTGCTAGTTATTATATTAATTTGAAATATTAGGCTATTC
TTGGGCAACCCTGCAACGATTTTTTCTAACAGGGATATTATTGACTAATAGCAGAGGATGTAATAGTCA
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TGGAGGCCAGGAATTGGGGACCAGCCTGGCCAACACAACAAAACCCCATCTGTTAAAAAACAACAA
AACCAAAAAACAAGTAACCTTGGTGGATGTCTACTCAAGTTTTCTGCACATTTTCTGAAAATACAA
CTGTGACCCTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001165416.2</a>
<b>Summary:</b>	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 exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene. [provided by RefSeq, Sep 2008]
<b>Locus ID:</b>	3939
<b>MW:</b>	51.2