

## Product datasheet for RN207357

### Ldha (NM\_017025) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ldha (NM_017025) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ldha
Synonyms:	CDK1; Ldh1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RN207357 representing NM_017025. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAGCCCTCAAGGACCAGCTGATTGTGAATCTTCTTAAGGAAGAACAGGTCCCCAGAACAAGATT
ACAGTTGTTGGGGTTGGTGTCTGTTGGCATGGCTTGTGCCATCAGTATCTTAATGAAGGACTTGGCTGAT
GAGCTTGGCCTTGTGATGTCATAGAAGATAAGCTAAAGGGAGAGATGATGGATCTTCAGCATGGCAGC
CTTTTCTTAAGACACCAAAAATTTGTCTCCAGCAAAGATTATAGTGTGACTGCAAACCTCAAGCTGGTC
ATTATCACCGCGGGGCCCGTCAGCAAGAGGGAGAGAGCCGGCTCAATTTGGTCCAGCGAAACGTGAAC
ATCTTCAAGTTTCATCATTCCAAATGTTGTGAAATACAGTCCACAGTGCAAACCTGCTCATCGTCTCAAAC
CCAGTGGATATCTTGACCTACGTGGCTTGGAAAGATCAGCGGCTTCCCCAAAACAGAGTTATTGGAAGT
GGTTGCAATCTGGATTCCGGCTCGGTTCCGTTACCTGATGGGAGAAAGGCTGGGAGTTCATCCACTGAGC
TGTACCGGGTGGGTCTGGGAGAGCATGGCGACTCCAGTGTGCCTGTGTGGAGTGGTGTGAATGTCGCC
GGCGTCTCCCTGAAGTCTCTGAACCCGACGCTGGGCACGGATGCAGACAAGGAGCAGTGGAAAGGATGTG
CACAAGCAGGTGGTTGACAGTGCATACGAAGTGATCAAGTCAAAGGTTACACATCCTGGGCCATTGGC
CTCTCCGTGGCAGACTTGGCCGAGAGCATAATGAAGAACCTTAGGCGGGTGCATCCCATTCCACCATG
ATTAAGGGTCTCTATGGAATCAAGGAGGATGTCTTCTCAGCGTCCCATGTATCCTGGGACAAAATGGA
ATCTCAGATGTTGTGAAGGTGACTGACTCTGACGAGGAGGCCCGCCTGAAGAAGAGTGCAGATACC
CTCTGGGGAATCCAGAAGGAGCTGCAGTTCTAA
ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```



[View online »](#)

<b>Protein Sequence:</b>	MAALKDQLIVNLLKEEQVPQNKITVVGVGAVGMACAISILMKDLADELALVDVIEDKLGEMMDLQHGS LFLKTPKIVSSKDYSVTANSKLVIIITAGARQQEGESRLNLVQRNVNIFKFIIPNVVKYSPQCKLLIVSN PVDILTYVAWKISGFPKNRVIGSGCNLDSARFRYLMGERLGVHPLSCHGWVLGEHGDSSVPVWSGVNVA GVSLKSLNPQLGTDADKEQWKDVHKQVVD SAYEVIKLGKGYT SWAIGL SVADLAESIMKNLRRVHPISTM IKGLYGIKEDVFLSVPCILGQNGISDVVKVTLTPDEEARLKKSADTLWGIQKELQF* TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_017025
<b>Insert Size:</b>	999 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_017025.2</a>
<b>RefSeq Size:</b>	1598 bp
<b>RefSeq ORF:</b>	999 bp
<b>Locus ID:</b>	24533
<b>UniProt ID:</b>	<a href="#">P04642</a>
<b>Cytogenetics:</b>	1q22
<b>MW:</b>	36.5 kDa
<b>Gene Summary:</b>	mRNA expression in fibroblasts increases in response to induction by epidermal growth factor or serum [RGD, Feb 2006]