

## Recombinant Rat Ldhd protein, His-tagged

Cat. No. Ldhd-1818R    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Ldhd aa. (Met1-Leu334 (Accession # P42123)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Leu334
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	38 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

Ldhb lactate dehydrogenase B [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Ldhb

**Synonyms**

Ldhb; lactate dehydrogenase B; Ldh2; L-lactate dehydrogenase B chain; LDH heart subunit; LDH-B; LDH-H; Lactate dehydrogenase B

**Gene ID**

24534

**mRNA Refseq**

NM\_001316333.1

**Protein Refseq**

NP\_001303262.1

**UniProt ID**

P42123

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA