

## Active Recombinant Mouse Ldha protein(Met1-Phe332), His-tagged

Cat. No. Ldha-1000M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ldha (NP_034829.1) (Met1-Phe332) was expressed in E. coli with a polyhistidine tag at the N-terminus.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Phe332
<b>Form</b>	Lyophilized from sterile PBS, 10 % Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to reduce pyruvate to lactate. The specific activity is >50,000 pmoles/min/μg.
<b>Molecular Mass</b>	The recombinant mouse Ldha consists 332 amino acids and predicts a molecular mass of 36.5 kDa.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [Ldha lactate dehydrogenase A \[ Mus musculus \]](#)

**Official Symbol** [Ldha](#)

**Synonyms** LDHA; lactate dehydrogenase A; L-lactate dehydrogenase A chain; LDH-M; M-LDH; LDH muscle subunit; lactate dehydrogenase-A; lactate dehydrogenase A4; lactate dehydrogenase 1, A chain; Ldh1; Ldhm; I7R2;

**Gene ID** [16828](#)

**mRNA Refseq** [NM\\_001136069](#)

**Protein Refseq** [NP\\_001129541](#)

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