

## Active Recombinant Rat LDHA protein(Met1-Phe332), His-tagged

Cat. No. Ldha-1131R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Ldha (NP_058721.1) (Met1-Phe332) was expressed in E. coli with a polyhistidine tag at the N-terminus.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Phe332
<b>Form</b>	Lyophilized from sterile 50 mM Tris, 50 mM NaCl. 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 Rat Ldha consists 350 amino acids and predicts a molecular mass of 38.7 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.

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