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

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

SPECIFICATION

Product Overview	Recombinant Mouse Ldha (NP_034829.1) (Met1-Phe332) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Phe332
Form	Lyophilized from sterile PBS, 10 % Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to reduce pyruvate to lactate. The specific activity is >50,000 pmoles/min/μg.
Molecular Mass	The recombinant mouse Ldha consists 332 amino acids and predicts a molecular mass of 36.5 kDa.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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; l7R2;
Gene ID	16828
mRNA Refseq	NM_001136069
Protein Refseq	NP_001129541

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