

LDHA Protein, Mouse (His)

Cat. No.:	HY-P73270
Synonyms:	L-lactate dehydrogenase A chain; LDH-A; LDH-M; Ldha; Ldh-1
Species:	Mouse
Source:	E. coli
Accession:	P06151 (M1-F332)
Gene ID:	16828
Molecular Weight:	Approximately 36.5 kDa

PROPERTIES

Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	LDHA Protein, an isoform of lactate dehydrogenase, plays a critical role in cellular metabolism. It catalyzes the conversion of pyruvate to lactate, generating energy under anaerobic conditions. Understanding the functions of LDHA Protein is essential for studying metabolic disorders and developing therapeutic strategies targeting altered metabolism in cancer and other diseases.
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Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA