

Recombinant Mouse Ldha Protein, MYC/DDK-tagged

Cat. No. Ldha-1305M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse lactate dehydrogenase A (Ldha), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to hemolytic anemia and early postimplantation death in mice. Multiple transcript variants encoding different isoforms have been found for this gene. The mouse genome contains multiple pseudogenes of this gene.
Molecular Mass	36.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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

Official Symbol [Ldha](#)

Synonyms Ldha; lactate dehydrogenase A; Ldh1; Ldhm; I7R2; L-lactate dehydrogenase A chain; LDH muscle subunit; LDH-M; M-LDH; lactate dehydrogenase 1, A chain; lactate dehydrogenase A4; EC 1.1.1.27

Gene ID [16828](#)

mRNA Refseq [NM_010699](#)

Protein Refseq [NP_034829](#)

UniProt ID [P06151](#)

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