

Recombinant Human LDHA Protein (A2-F332), Tag Free

Cat. No. LDHA-0135H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LDHA(A2-F332 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	A2-F332
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 exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name LDHA lactate dehydrogenase A [Homo sapiens (human)]

Official Symbol LDHA

Synonyms

LDHA; lactate dehydrogenase A; L-lactate dehydrogenase A chain; LDH-A; LDH-M; LDH muscle subunit; lactate dehydrogenase M; proliferation-inducing gene 19; renal carcinoma antigen NY-REN-59; cell proliferation-inducing gene 19 protein; LDH1; LDHM; GSD11; PIG19;

Gene ID 3939

mRNA Refseq NM_001135239

Protein Refseq NP_001128711

MIM 150000

UniProt ID P00338

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