

Recombinant Human LDHA Protein (A2-F332), His tagged

Cat. No. LDHA-0136H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human 6His-TEV-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. |

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| Storage | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the 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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