

Active Recombinant Human LDHA Protein, MYC/DDK-tagged

Cat. No. LDHA-262H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human lactate dehydrogenase A (LDHA) protein, transcript variant 1 was expressed in HEK293 cells with C-terminal MYC/DDK tag.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Recombinant human recombinant LDHA was compared with purified human liver LDH5 in a spectrophotometric pyruvate to lactate conversion assay. Activity is shown as a decrease in absorbance at 340nm over time. The activity of recombinant human LDHA is comparable to that of endogenously expressed human LDH5.
Molecular Mass	36.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 Centigrade. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	LDHA lactate dehydrogenase A [Homo sapiens]
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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