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Datasheet for ABIN7505053

Lactate Dehydrogenase A Protein (LDHA) (AA 2-332) (His tag)

Overview

Quantity:	100 µg
Target:	Lactate Dehydrogenase A (LDHA)
Protein Characteristics:	AA 2-332
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lactate Dehydrogenase A protein is labelled with His tag.

Product Details

Sequence:	Ala 2-Phe 332
Characteristics:	A DNA sequence encoding the Human LDHA protein (P00338) (Ala 2-Phe 332) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Lactate Dehydrogenase A (LDHA)
Alternative Name:	LDHA (LDHA Products)
Background:	Background: L-Lactate Dehydrogenase A Chain (LDHA) is an enzyme that catalyzes the conversion of L-lactate and NAD ⁺ to pyruvate and NADH in the final step of anaerobic glycolysis. LDHA contains an N-terminal coenzyme binding region, a central catalytic site, and at I

Target Details

	Synonym: L-Lactate Dehydrogenase A Chain,LDH-A,Cell Proliferation-Inducing Gene 19 Protein,LDH Muscle Subunit,LDH-M,Renal Carcinoma Antigen NY-REN-59,LDHA
Molecular Weight:	36.3 kDa
UniProt:	P00338
Pathways:	Warburg Effect

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months