Datasheet for ABIN7320609

Lactate Dehydrogenase A Protein (LDHA) (His tag)

Go to Product page

1 Image

Overview

Quantity:	50 µg
Target:	Lactate Dehydrogenase A (LDHA)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lactate Dehydrogenase A protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse LDHA/LDH1 Protein (His Tag)
Sequence:	Met1-Phe332
Characteristics:	Recombinant Mouse L-lactate dehydrogenase is produced by our Mammalian expression system and the target gene encoding Met1-Phe332 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Lactate Dehydrogenase A (LDHA)
Alternative Name:	LDHA/LDH1 (LDHA Products)
Background:	Background: Mouse Lactate dehydrogenase A (LDHA) is a member of the LDH/MDH superfamily and LDH family. LDHA catalyzes the inter-conversion of pyruvate and L-lactate with

Target Details

	concomitant inter-conversion of NADH and NAD+. LDHA is found in most somatic tissues, though predominantly in muscle tissue and tumours. It has also been shown that LDHA plays an important role in the development, invasion and metastasis of malignancies. Mutations in LDHA have been linked to exertional myoglobinuria. Synonym: LDHA,Ldh1,L-lactate dehydrogenase
Molecular Weight:	37.5 kDa
UniProt:	P06151
Pathways:	Warburg Effect

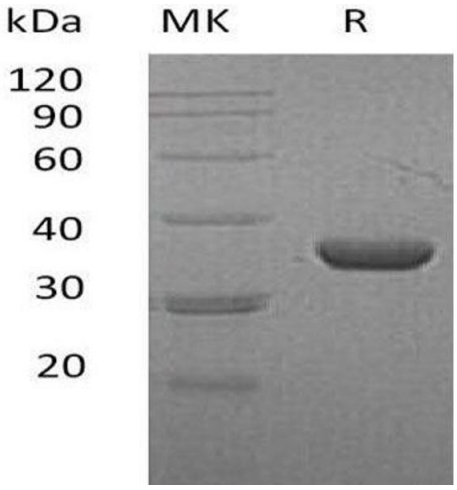
Application Details

Restrictions:	For Research Use only

Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Images



Western Blotting

Image 1.