antibodies -online.com





LDHB Protein (AA 1-334)





Go to Product page

_					
U	V	er	VI	е	W

Quantity:	100 μg
Target:	LDHB
Protein Characteristics:	AA 1-334
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS)

Product Details

Product Details	
Sequence:	MATLKEKLIA PVAEEEATVP NNKITVVGVG QVGMACAISI LGKSLADELA LVDVLEDKLK
	GEMMDLQHGS LFLQTPKIVA DKDYSVTANS KIVVVTAGVR QQEGESRLNL VQRNVNVFKF
	IIPQIVKYSP DCIIIVVSNP VDILTYVTWK LSGLPKHRVI GSGCNLDSAR FRYLMAEKLG
	IHPSSCHGWI LGEHGDSSVA VWSGVNVAGV SLQELNPEMG TDNDSENWKE VHKMVVESAY
	EVIKLKGYTN WAIGLSVADL IESMLKNLSR IHPVSTMVKG MYGIENEVFL SLPCILNARG
	LTSVINQKLK DDEVAQLKKS ADTLWDIQKD LKDL
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Biological Activity Comment:	Specific activity is > 300 units/mg, in which one unit will convert 1.0 umole of pyruvate to L-
	lactate and beta-NAD per minute at pH 7.5 at 37C.

Target Details

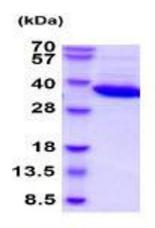
Target:	LDHB
Alternative Name:	LDHB (LDHB Products)
Background:	LDHB, also known as L-lactate dehydrogenase B chain isoform LDHB, is a member of the lactate dehydrogenase family. It is an oxidoreductase which catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD+. As this protein can also catalyze the oxidation of hydroxybutyrate. The LDH family consists of three members, LDH-A, LDH-B and LDH-C. LDHs function as powerful markers for germ cell tumors. Recombinant human LDHB protein was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	36.6kDa (334aa) confirmed by MALDI-TOF
NCBI Accession:	NP_002291
UniProt:	P07195
Pathways:	Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Bioactivity Validated
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	Liquid. In 20 mM Tris-HCl (pH 8.0) containing 10 % glycerol, 1 mM DTT	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	age Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -70C. Avoid repeated freezing and thawing cycles.	



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.