

Bioactive

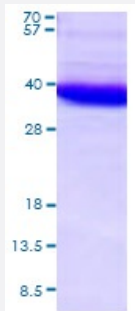
Full-Length

LDHB (Human) Recombinant Protein

Catalog # P6813

Size 20 ug

Applications



15% SDS-PAGE Stained with Coomassie Blue.

Specification

Product Description	Human LDHB (NP_002291, 1 a.a - 334 a.a.) full length recombinant protein expressed in <i>Escherichia coli</i> .
Host	Escherichia coli
Theoretical MW (kDa)	36.6
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS-PAGE
Endotoxin Level	< 1 EU/ug
Activity	Specific activity is > 300 unit/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 37°C.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue 15% SDS-PAGE Stained with Coomassie Blue.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.

Storage Buffer	In 20 mM Tris-HCl, 1 mM DTT, pH 8.0 (10% glycerol)
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Storage Instruction	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
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Applications

- SDS-PAGE

Gene Info — LDHB

Entrez GeneID	3945
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Protein Accession#	P07195
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Gene Name	LDHB
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Gene Alias	LDH-H, TRG-5
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Gene Description	lactate dehydrogenase B
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Omim ID	150100
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Gene Ontology	Hyperlink
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Other Designations	L-lactate dehydrogenase B OTTHUMP00000165228 OTTHUMP00000165229
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Pathway

- [Cysteine and methionine metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)
- [Propanoate metabolism](#)
- [Pyruvate metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Panic Disorder](#)