

Bioactive

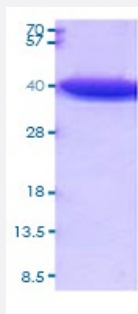
Full-Length

## Ldhb (Mouse) Recombinant Protein

Catalog # P6824

Size 5 ug

### Applications



15% SDS-PAGE under reducing condition and visualized by coomassie blue stain.

### Specification

<b>Product Description</b>	Mouse L-lactate dehydrogenase B chain/Ldhb protein (NP_032518, 1 a.a.-334 a.a.) full length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
<b>Host</b>	<i>Escherichia coli</i>
<b>Theoretical MW (kDa)</b>	39
<b>Form</b>	Liquid
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purity</b>	> 95% by SDS-PAGE
<b>Endotoxin Level</b>	< 1 EU/ug
<b>Activity</b>	Specific activity is > 150 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
<b>Quality Control Testing</b>	15% SDS-PAGE under reducing condition and visualized by coomassie blue stain. 15% SDS-PAGE under reducing condition and visualized by coomassie blue stain.
<b>Recommend Usage</b>	SDS-PAGE The optimal working dilution should be determined by the end user.

<b>Storage Buffer</b>	In 20 mM Tris-HCl, pH 8.0 (10% glycerol, 1 mM DTT)
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<b>Storage Instruction</b>	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

<b>Entrez GeneID</b>	<a href="#">16832</a>
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<b>Protein Accession#</b>	<a href="#">P16125</a>
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<b>Gene Name</b>	Ldhb
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<b>Gene Alias</b>	AI790582, Ldh-2, Ldh2
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<b>Gene Description</b>	lactate dehydrogenase B
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<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
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<b>Gene Summary</b>	B chain  lactate dehydrogenase-B
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<b>Other Designations</b>	L-lactate dehydrogenase B OTTMUSP00000017612  lactate dehydrogenase 2, B chain  lactate dehydrogenase-B
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