

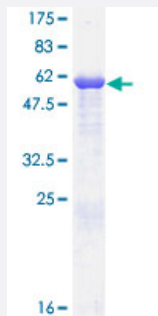
Full-Length

LDHB (Human) Recombinant Protein (P01)

Catalog # H00003945-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LDHB full-length ORF (AAH02362.1, 1 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATLKEKLIAPVAEEEEATVPNNKITVVGVGQVGMACAISILGKSLADELALVDVLEDKLGEMMDL
QHGSFLQTPKMADKDYSVTANSKMVVTAGVRQQEGESRLNLVQRNVNVFKFIIPQVMKYSPDCIII
VVSNPVDILTYVTWKL SGLPKHRVIGSGCNLDSARFRYLMAEKLGIHPSSCHGWILGEHGDSSVA
VWSGVNVAGVSLQELNPEMGTDNDSENWKEVHKMVVESAYEVIKLGTYNWAIGLSVADLIESM
LKNLSRIHPVSTMVKMGMYGIENEVFLSLPCILNARGLTSDINQKLKDDEVAQLKKSADTLWDIQKDL
KDL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

62.48

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LDHB

Entrez GeneID[3945](#)**GeneBank Accession#**[BC002362](#)**Protein Accession#**[AAH02362.1](#)**Gene Name**

LDHB

Gene Alias

LDH-H, TRG-5

Gene Description

lactate dehydrogenase B

Omim ID[150100](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

L-lactate dehydrogenase B|OTTHUMP00000165228|OTTHUMP00000165229

Publication Reference

- [Serum autoantibody profiling using a natural glycoprotein microarray for the prognosis of early melanoma.](#)

Liu Y, He J, Xie X, Su G, Tennenbaum ST, Sabel M, Lubman DM.

Journal of Proteome Research 2010 Nov; 9(11):6044.

Application: Func, Human, Human serum

Pathway

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

Disease

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