

# Human LDHB Recombinant Protein



RPPB1900

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## Product Information    Protein Information

**Product SKU:**

RPPB1900

**Accession:**

P07195

**Host:**

Escherichia Coli.

**Protein description:**

LDHB Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 334 amino acids (1-334) and having a molecular mass of 36.6kDa.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Lactate Dehydrogenase B, Renal Carcinoma Antigen NY-REN-46, LDH Heart Subunit, EC 1.1.1.27, LDH-B, LDH-H, Epididymis Secretory Protein Li 281, Testicular Secretory Protein Li 25, Lactate Dehydrogenase H Chain, HEL-S-281, EC 1.1.1.1, LDHBD, TRG-5.

**Formulation:**

The LDHB solution (1mg/ml) contains 20mM Tris-HCl (pH 8.0), 10% glycerol and 1mM DTT.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MATLKEKLI A PVAEEETVP NNKITVVG V QVGMACAISI LGKSLADELA LVDVLEDK LK GEMMDLQHGS  
LFLQTPKIVA DKDYSVTANS KIVVVTAGVR QQEGESRLNL VQRNVNVFKF IIPQIVK YSP DCIIIVVSNP  
VDILTYVTWK LSGLPKHRVI GSGCNLDSAR FRYLMAEKL G IHPSSCHGWI LGEHGDSSVA VWSGVNVAGV  
SLQELNPEMG TDNSENWKE VHKMVVESAY EVIKLKG YTN WAIGLSVADL IESMLKNLSR IHPVSTMVKG  
MYGIENEVFL SLPCILNARG LTSVINQKLK DDEVAQLKKS ADTLWDIQKD LKDL.

**Biological Activity:**

Specific activity is >300 units/mg, in which 1 unit will convert 1.0 umole of pyruvate to L-lactate and beta-NAD per min at pH 7.5 at 37°.