

# Human LDHB Recombinant Protein



RPPB1899

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## Product Information    Protein Information

**Product SKU:**

RPPB1899

**Accession:**

P07195

**Host:**

Escherichia Coli.

**Protein description:**

LDHB Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 354 amino acids (1-334 a.a.) and having a molecular mass of 38.8 kDa. The LDHB is fused to a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

LDH-H, TRG-5, L-lactate dehydrogenase B chain, LDH-B, EC=1.1.1.27, Renal carcinoma antigen NY-REN-46, LDHB.

**Formulation:**

LDHB Human solution containing 20mM Tris-HCl pH-8, 1mM DTT, & 10% glycerol.

**Purity:**

Greater than 95.0% 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:**

MGSSHHHHHH SGLVPRGSH MATLKEKLI PVAEEETVP NNKITVGVG QVGMACAISI LGKSLADELA  
LVDVLEDKLG GEMMDLQHGS LFLQTPKIVA DKDYSVTANS KIVVVTAGVR QQEGESRLNL VQRNVNVFKF  
IIPQIVKYSP DCIIIVVSNP VDILTYVTWK LSGLPKHRVI GSGCNLDSAR FRYLMAEKLG IHPSSCHGWI  
LGEHGDSSVA VWSGVNVAGV SLQELNPEMG TDNSENWKE VHKMVVESAY EVIKLKGVTN WAIGLSVADL  
IESMLKNLSR IHPVSTMVKG MYGIENEVFL SLPCILNARG LTSVINQKLK DDEVAQLKKS ADTLWDIQKD LKDL.

**Biological Activity:**

Specific activity is > 6 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 37°C.