

Lactate Dehydrogenase B Human Recombinant

Item Number	rAP-1056
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
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.
Uniprot Accession Number	P07195
Amino Acid Sequence	MATLKEKLI PVAEEEEATVP NNKITVVGVG QVGMACAISI LGKSLADELA LVDVLEDKLG GEMMDLQHGS LFLQTPKIVA DKDYSVTANS KIVVVTAGVR QQEGESRLNL VQRNVNVFKF IIPQIVKYSP DCIIIVVSNP VDILTIVVTWK LSGLPKHRVI GSGCNLDSAR FRYLMAEKLG IHPSSCHGWI LGEHGDSSVA VWSGVNVAGV SLQELNPEMG TDNDSENWKE VHKMVVESAY EVIKLKGTYN WAIGLSVADL IESMLKNLSR IHPVSTMVKG MYGIENEVFL SLPCILNARG LTSVINQKLK DDEVAQLKKS ADTLWDIQKD LKDL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The LDHB solution (1mg/ml) contains 20mM Tris-HCl (pH 8.0), 10% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**