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LDHB, 1-334aa, Human, E.coli (Bioactivity Validated)

产品货号: TP02795

第三版

**别名:**Lactate dehydrogenase B, HEL-S-281, LDH-B, LDH-H, LDHB, TRG-5, Epididymis secretory protein Li 281, HEL S 281, L lactate dehydrogenase B chain.

**描述:**LDHB, also known as L-lactate dehydrogenase B chain isoform LDHB, is a member of the lactate dehydrogenase family. It is an oxidoreductase which catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD<sup>+</sup>. As this protein can also catalyze the oxidation of hydroxybutyrate. The LDH family consists of three members, LDH-A, LDH-B and LDH-C. LDHs function as powerful markers for germ cell tumors. Recombinant human LDHB protein was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol, 1mM DTT

**分子量:**36.6kDa (334aa), confirmed by MALDI-TOF

**序列:**

MATLKEKLIAPVAEEEEATVPNNKITVVGVGQVGMACAISILGKSLADELALVDVLEDKCLKGEMMDLQHGSLFLQTPKIVA  
DKDYSVTANSKIVVVTAGVRQQEGESRLNLVQRNVNVFKFIIPQIVKYSPDCIIIVVSNPVDILTYVTWKLGLPKHRVIGS  
GCNLDSARFRYLMAEKLGIIHPSSCHGWILGEHGDSSVAVWVG VNVAGVSLQELNPEMGTDNDSENWKEVHKMVVESA  
YEVIKLKG YTNWAIGLSVADLIESMLKNLSRIHPVSTMVKGMYGIENEVFLSLPCILNARGLT SVINQKLKDDEVAQLK KSA  
DTLWDIQKDLKDL

**纯度:**> 95% by HPLC

**浓度:**1mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.