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LDHB, 1-334aa, Human, His tag, E.coli

产品货号: TP02796

第三版

别名:L-lactate dehydrogenase B chain, LDH-H, TRG-5.

描述:LDHB, also known as L-lactate dehydrogenase B chain, 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, it is occasionally called Hydroxybutyrate Dehydrogenase (HBD). The LDH family consists of three members, LDH-A, LDHB and LDH-C.

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

分子量:38.8 kDa (354aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMATLKEKLIAPVAEEEEATVPNNKITVVGVGQVGMACAISILGKSLADELALVDVLEDKL  
KGEMMDLQHGSFLQTPKIVADKDYSVTANSKIVVVTAGVRQQEGESRLNLVQRNVNVFKFIIPQIVKYSPDCIIIVVSNP  
VDILTYVTWKLKSLPKHRVIGSGCNLDSARFRYLMAEKLGIIHPSSCHGWILGEHGDSSVAVWVSGVNVAGVSLQELNPEM  
GTDNDSENWKEVHKMVVESAYEVIKLGKGTNWAIGLSVADLIESMLKNSRIHPVSTMVKGMYGIENEVFLSLPCILNAR  
GLTSVINQKLKDDEVAQLKKSADTLWDIQKDLKDL

纯度:> 95% by HPLC

浓度:1 mg/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.