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LDHA, 1-332aa, Human, His tag, E.coli

产品货号: TP02792

第三版

别名:L-lactate dehydrogenase A chain, GSD11, LDH1, LDHM, PIG19

描述:LDHA, also known as L-lactate dehydrogenase A chain, is an enzyme that catalyzes the conversion of L-lactate and NAD⁺ to pyruvate and NADH in the final step of anaerobic glycolysis. This protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in LDHA have been linked to exertional myoglobinuria. Recombinant LDHA protein was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl

分子量:38.8 kDa (352aa)

序列:

MGSSHHHHHHSSGLVPRGSHMATLKDQLIYNLLKEEQTPQNKITVVGVGAVGMACAISILMKDLADELALVDVIEDKLG
GEMMDLQHGSLFLRTPKIVSGKDYNVTANSKLVITAGARQQEGESRLNLVQRNVNIFKFIIPNVVKYSPNCKLLIVSNPVD
ILTYVAWKISGFPKNRVIGSGCNLDSARFRYLMGERLGVHPLSCHGWVLGEHGDSSVPVWGMNVAGVSLKTLHPDLGT
DKDKEQWKEVHKQVVEAYEVIKLGYSWAIGLSVADLAESIMKNLRRVHPVSTMIKGLYGIKDDVFLSVPCILGQNGIS
DLVKVTLTSEEEARLKKSADTLWGIQKELQF

纯度:> 95% by HPLC

浓度:0.5 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.