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Ldha, 1-332aa, Mouse, His tag, Baculovirus (Bioactivity Validated)

产品货号: TP02793

第三版

**别名:**L-lactate dehydrogenase A chain isoform 1, Ldha, 17R2, Ldh1, Ldhm

**描述:**Ldha, also known as L-lactate dehydrogenase A chain isoform 1, is a member of the LDH/MDH superfamily and LDH family. It 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. It has long been known that many human cancers have higher LDHA levels compared to normal tissues. It plays an important role in the development, invasion and metastasis of malignancies. Recombinant mouse Ldha, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:**37.5kDa (340aa), 28-40KDa (SDS-PAGE under reducing conditions.)

**序列:**

MATLKDQLIVNLLKEEQAPQNKITVVGVGAVGMACAISILMKDLADELALVDVMEKDKLGEMMDLQHGSLFLKTPKIVS  
SKDYCVTANSKLVIIITAGARQQEGESRLNLVQRNVNIFKFIIPNIVKYSPHCKLLIVSNPVDILTYVAWKISGFPKNRVIGSGC  
NLDSARFRYLMGERLGVHALSCHGWVLGEHGDSSVPVWSGVNVAGVSLKSLNPELGTADADKEQWKEVHKQVVDAYSAYE  
VIKLGKGYTSWAIGLSVADLAESIMKNLRRVHPISTMIKGLYGINEDVFLSVPICLGQNGISDVVKVTLTPEEEARLKKSA  
DTLWGIQKELQFLEHHHHHH

**纯度:**> 95% by HPLC

**浓度:**0.5mg/ml (determined by Absorbance at 280nm)

**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.