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Ldha, 1-332aa, Rat, His tag, Baculovirus

产品货号: TP02794

第三版

别名:L-lactate dehydrogenase A chain, Ldha, Ldh1

描述:Ldha, also known as lactate dehydrogenase A, catalyzes the conversion of pyruvate to lactate, utilizing NADH as a cofactor. It has been identified as a potential therapeutic target in the area of cancer metabolism. Reduction in Ldha activity resulted in stimulation of mitochondrial respiration and decrease of mitochondrial membrane potential. Recombinant rat 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 1mM DTT, 20% glycerol.

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

序列:

MAALKDQLIVNLLKEEQVPQNKITVVGVGAVGMACAISILMKDLADELALVDVIEDKCLKGEMMDLQHGSFLKTPKIVSS
KDYSVTANSKLVIIITAGARQQEGESRLNLVQRNVNIFKFIIPNVVKYSPQCKLLIVSNPVDILTYVAWKISGFKNRVIGSGC
NLDSARFRYLMGERLGVHPLSCHGWVLGEHGDSSVPVWSGVNVAGVSLKSLNPQLGTDADKEQWKDVHKQVVD SAY
EVIKCLKGYT SWAIGLSVADLAESIMKNLRRVHPISTMIKGLYGIKEDVFLSVPCILGQNGISDVVKVTLTPDEEARLKKSADT
LWGIQKELQFLEHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/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.