Recombinant Mouse L-lactate dehydrogenase A chain (Ldha)

Product Code	CSB-YP012832MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P06151
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	ATLKDQLIV NLLKEEQAPQ NKITVVGVGA VGMACAISIL MKDLADELAL VDVMEDKLKG EMMDLQHGSL FLKTPKIVSS KDYCVTANSK LVIITAGARQ QEGESRLNLV QRNVNIFKFI IPNIVKYSPH CKLLIVSNPV DILTYVAWKI SGFPKNRVIG SGCNLDSARF RYLMGERLGV HALSCHGWVL GEHGDSSVPV WSGVNVAGVS LKSLNPELGT DADKEQWKEV HKQVVDSAYE VIKLKGYTSW AIGLSVADLA ESIMKNLRRV HPISTMIKGL YGINEDVFLS VPCILGQNGI SDVVKVTLTP EEEARLKKSA DTLWGIQKEL QF
Source	Yeast
Target Names	Ldha
Protein Names	Recommended name: L-lactate dehydrogenase A chain Short name= LDH-A EC= 1.1.1.27 Alternative name(s): LDH muscle subunit Short name= LDH-M
Expression Region	2-332
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life

of lyophilized form is 12 months at -20°C/-80°C.