Recombinant Mouse L-lactate dehydrogenase C chain (Ldhc)

Product Code	CSB-EP012844MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00342
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	STVKEQLIQ NLVPEDKLSR CKITVVGVGN VGMACAISIL LKGLADELAL VDADTNKLRG EALDLLHGSL FLSTPKIVFG KDYNVSANSK LVIITAGARM VSGETRLDLL QRNVAIMKAI VPGIVQNSPD CKIIIVTNPV DILTYVVWKI SGFPVGRVIG SGCNLDSARF RYLIGEKLGV NPTSCHGWVL GEHGDSSVPI WSGVNVAGVT LKSLNPAIGT DSDKEHWKNV HKQVVEGGYE VLNMKGYTSW AIGLSVTDLA RSILKNLKRV HPVTTLVKGF HGIKEEVFLS IPCVLGQSGI TDFVKVNMTA EEEGLLKKSA DTLWNMQKDL QL
Source	E.coli
Target Names	Ldhc
Protein Names	Recommended name: L-lactate dehydrogenase C chain Short name= LDH-C EC= 1.1.1.27 Alternative name(s): LDH testis subunit LDH-X
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	Lactate dehydrogenase C catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. LDHC is testis-specific and belongs to the lactate dehydrogenase family. Two transcript variants have been detected which differ in the 5 untranslated region.
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.