



# Recombinant Pig L-lactate dehydrogenase C chain (LDHC)

<b>Product Code</b>	CSB-MP866130PI
<b>Abbreviation</b>	LDHC
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9TSX5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	STVKEQLIE NLIIEDEVSQ SKITIVGTGA VGMACAICIL LKDLADELAL VDVAVDKLGK ETMDLQHGS LFFNTSKIVSG KDYSVSANSK IVIVTAGARQ QEGESRLALV QRNVNIMKSI IPTIVQHSPD CKMLIVSNPV DILTYVAWKL SGLPATRVIG SGCNLD SARF RYLIGK KLG V HPTSCHGWII GEHGDSSVPL WSGVNVAGVA LKTLDPKLG T DSDKDQWKNI HKQVIGSAYE IIKLKGYSW AIGLSVTDLV GSILKNLRRV HPVSTMVKGL YGIKEEIFLS IPCVLGRNGV SDIVKVN LNA EEEALFKKSA NTLWNVQKDL TF
<b>Source</b>	Mammalian cell
<b>Target Names</b>	LDHC
<b>Protein Names</b>	Recommended name: L-lactate dehydrogenase C chain Short name= LDH-C EC= 1.1.1.27 Alternative name(s): LDH testis subunit LDH-X
<b>Expression Region</b>	2-332
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.