



Recombinant Pig L-lactate dehydrogenase C chain (LDHC)

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| Product Code | CSB-BP866130PI |
| Abbreviation | LDHC |
| Storage | 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. |
| Uniprot No. | Q9TSX5 |
| Product Type | Recombinant Protein |
| Immunogen Species | Sus scrofa (Pig) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | STVKEQLIE NLIIEDEVSQ SKITIVGTGA VGMACAICIL LKDLADELAL VDVAVDKLGK ETMDLQHGSL FFNTSKIVSG 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 |
| Source | Baculovirus |
| 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, |



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