



Recombinant L-lactate dehydrogenase (ldh)

Product Code	CSB-EP726319SMZ-B
Abbreviation	ldh
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
Uniprot No.	Q5XC59
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	TATKQHKKV ILVGDGAVGS SYAFALVTQN IAQELGIIDI FKEKTQGDAE DLSHALAFS PPKIYAADYS DCHDADLVVL TAGAPQKPGE TRLDLVEKNL RINKEVVTQI VASGFKGIFL VAANPVDVLT YSTWKFSGFP KERVIGSGTS LDSARFRQAL AAKIGVDARS VHAYIMGEHG DSEFAVWSHA NVAGVGLYDW LQANRDIDEQ GLVDLFI SVR DAAYSINKK GATFYGIAVA LARITKAILD DENAVLPLSV FQEGQYEGVE DCYIGQPAIV GAYGIVRPVN IPLNDAELQK MQASANQLKA IIDEAFAKEE FASAAKN
Source	E.coli
Target Names	ldh
Protein Names	Recommended name: L-lactate dehydrogenase Short name= L-LDH EC= 1.1.1.27
Expression Region	2-327
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
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	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>