



Recombinant Lactobacillus plantarum L-lactate dehydrogenase 1 (ldh1)

Product Code	CSB-EP348716LMS-B
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.	P56512
Product Type	Recombinant Protein
Immunogen Species	Lactobacillus plantarum (strain ATCC BAA-793 / NCIMB 8826 / WCFS1)
Purity	>85% (SDS-PAGE)
Sequence	MSSMPNHQKV VLVGDGAVGS SYAFAMAQQG IAEEFVIVDV VKDRTKGDAL DLEDAQAFTA PKKIYSGEYS DCKDADLVVI TAGAPQKPGE SRLDLVNKNL NILSSIVKPV VDSGFDGIFL VAANPVDILT YATWKFSGFP KDRVIGSGTS LDSSRLRVAL GKQFNVDPRS VDAYIMGEHG DSEFAAYSTA TIGTRPVRDV AKEQGVSDDED LAKLEDGVRN KAYDIINLKG ATFYGIGTAL MRISKAILRD ENAVLPVGAY MDGQYGLNDI YIGTPAVIGG TGLKQIIESP LSADELKMQ DSAATLKKVL NDGLAELENK
Source	E.coli
Target Names	ldh1
Protein Names	Recommended name: L-lactate dehydrogenase 1 Short name= L-LDH 1 EC= 1.1.1.27
Expression Region	1-320
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 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	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.