



Recombinant *Thermotoga maritima* L-lactate dehydrogenase (ldh)

Product Code	CSB-EP324518TNJ-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.	P16115
Product Type	Recombinant Protein
Immunogen Species	<i>Thermotoga maritima</i> (strain ATCC 43589 / MSB8 / DSM 3109 / JCM 10099)
Purity	>85% (SDS-PAGE)
Sequence	MKIGIVGLGR VGSSTAFALL MKGFAREMVL IDVDDKRAEG DALDLIHGTP FTRRANIYAG DYADLKGSDV VIVAAGVPQK PGETRLQLLG RNARVMKEIA RNVSKYAPDS IVIVVTNPVD VLTYFFLKES GMDPRKVFSG GTVLDTARLR TLIAQHCGFS PRSVHVYVIG EHGDSVVPVW SGAMIGGIPL QNMCQICQKC DSKILENFAE KTKRAAYEII ERKGATHYAI ALAVADIVES IFFDEKRVLT LSVYLEDYLG VKDLCISVPV TLGKHGVERI LELNLNEEL EAFRKSASIL KNAINEITAE ENKHQNTSG
Source	<i>E. coli</i>
Target Names	ldh
Protein Names	Recommended name: L-lactate dehydrogenase Short name= L-LDH EC= 1.1.1.27
Expression Region	1-319
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.