



Recombinant *Zymomonas mobilis* Dihydrolipoyl dehydrogenase (lpd)

Product Code	CSB-EP006928ZBM
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P50970
Product Type	Recombinant Protein
Immunogen Species	<i>Zymomonas mobilis</i> subsp. <i>mobilis</i> (strain ATCC 31821 / ZM4 / CP4)
Purity	>85% (SDS-PAGE)
Sequence	MADHFDLIVL GGGPGGYVAA IRAAQLNLKV ALVERVHLGG ICLNWGCIPT KLLRSAEVY HEMQNAEAYG LTSFKPDFDL DKIIARSREV ATRLASGVKT LLRKNKVEVI SGVGQLTGNQ QMLVETTEGE EKILEAKDII IATGARARQL PNVHSDGKHI WTYHHALKPP AMPKKLLVIG SGAIGIEFAS FYADFGAEVS IVEHAPQILP MEDAEVSAYV AKAFKKGIR ILTQSALQNL TPDDEGVTAE IAGADGKGTK ERFSHAIVAI GVVANVENIG LDKLGIKLDG GFIAVDGFGR TNVDHVWAIG DVAGAPCLAH KASHQGVIAA EAIAGCDHVV PLNTQNIPGC TYARPQVASV GLTEEKARQQ GYNVKIGNFP FIANGKAIQ GATDGFVKTV FDADSGALLG AHMVGAEVTE MIQGYTVART LETTEAEIME TIFPHPTLSE AMHESVLAAY GRALHF
Source	E.coli
Target Names	lpd
Protein Names	Recommended name: Dihydrolipoyl dehydrogenase EC= 1.8.1.4 Alternative name(s): Dihydrolipoamide dehydrogenase E3 component of pyruvate and 2-oxoglutarate dehydrogenases complexes
Expression Region	1-466
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.