



Recombinant Zymomonas mobilis Pyruvate dehydrogenase E1 component subunit beta (pdhB)

Product Code	CSB-EP017717ZBM
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O66113
Product Type	Recombinant Protein
Immunogen Species	Zymomonas mobilis subsp. mobilis (strain ATCC 31821 / ZM4 / CP4)
Purity	>85% (SDS-PAGE)
Sequence	MAIELKMPAL SPTMEEGLT RVLVKEGDSI KAGEILAEIE TDKAIMEFEA VDEGVITKIL IPEGSENVKV GTAIAYLGTD ANDVTLDGAS AETKAESAP VASPAKTEAA AVEEAATPSL GKVINSAP EI PEGTEFFQQT LREALRDAMA EEMRRDDR VF VMGEEVAEYQ GAYKVTQGLL QEFGARRVVD TPISEYGFSG IGVGAAMEGL RPVIEFMTMN FSMQAIDHII NSAAKTHYMS GGQVRCPIVF RGPNGAAPRV GAQHTQNFGP WYAAVPGLVV LOPYDAIDAK GLLKAAIRSD DPVVFLECEL LYGKTFDVPK MDDFVLP I G K ARIIREGKDV TIVSYSIGVS FALTA AEALA KEGIDAEVID LR TL RPLDKE TILQSLAKTN RIVTVEDGWP VCSISSEIAA IAMEEGFDNL DAPVLRVTNA DTPTPYAENL EKKGLVNPEA IIEAVRKVCY RK
Source	E.coli
Target Names	pdhB
Protein Names	Recommended name: Pyruvate dehydrogenase E1 component subunit beta EC= 1.2.4.1
Expression Region	1-462
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.