



Recombinant Bacillus subtilis Pyruvate dehydrogenase E1 component subunit beta (pdhB)

Product Code	CSB-EP017717BRJ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P21882
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	AQMTMIQAI TDALRTELKN DENVLVFGED VGVNGGVFRA TEGLQKEFGE DRVFDTPLAE SGIGGLALGL GLNGFRPVM EIQFFGFVYEV MDSVSGQMAR MRYRSGGRWT SPVTIRSPFG GGVHTPELHA DSLEGLVAQQ PGIKVVIPST PYDAKGLLIS AIRDNDPVVF LEHMKLYRSF RQEVPEEEYT IELGKADVCR EGTDLISIITY GAMVHESLKA ADELEKDGIS AEVVDLRTVS PLDIDIIS VEKTGRAIVV QEAQKQAGIA ANVVAEINDR AILSLEAPVL RVAAPDTVFP FSQAESVWLP NHKDVLETAR KVLEF
Source	E.coli
Target Names	pdhB
Protein Names	Recommended name: Pyruvate dehydrogenase E1 component subunit beta EC= 1.2.4.1 Alternative name(s): S complex, 36 kDa subunit
Expression Region	2-325
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	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.