



Recombinant Escherichia coli Propionate--CoA ligase (prpE)

Product Code	CSB-EP302870ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77495
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MSFSEFYQRS INEPEQFWAE QARRIDWQTP FTQTLDHNSP PFARWFCEGR TNLCHNAIDR WLEKQPEALA LIAVSSETEE ERTFTFRQLH DEVNAVASML RSLGVQRGDR VLVYMPMIAE AHITLLACAR IGAIHSVVFV GFASHSVAAR IDDAKPVLIV SADAGARGGK IIPYKLLDD AISQAQHQR HVLLVDRGLA KMARVSGRDV DFASLRHQHI GARVPVAWLE SNETSCILYT SGTGKPKGV QRDVGGYAVA LATSMDTIFG GKAGSVFFCA SDIGWVVGH S YIVYAPLLAG MATIVYEGLP TWPDCGVWWT IVEKYQVSRM FSAPT AIRVL KKFPTAEIRK HDLSSLEVL Y LAGEPLDEPT ASWVSNTLDV PVIDNYWQTE SGWPIMAIAR GLDDRPTRLG SPGVPMYGYN VQLLNEVTGE PCGVNEKGML VVEGPLPPGC IQTIWGDDGR FVKTYWSLFS RPVYATFDWG IRDADGYHFI LGR TDDVIN V AGHRLGTREI EESISHPGV AEVAVVGVD ALKGQVAVAF VIPKESDSLE DRDVAHSQEK AIMALVDSQI GNFG RPAHVW FVSQLPKTRS GKMLRRTIQA ICEGRDPGDL TTIDDPASLD QIRQAMEE
Source	E.coli
Target Names	prpE
Protein Names	Recommended name: Propionate--CoA ligase EC= 6.2.1.17 Alternative name(s): Propionyl-CoA synthetase
Expression Region	1-628
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.