



Recombinant *Pseudomonas putida* Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex (bkdB)

Product Code	CSB-MP006530FFZ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P09062
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas putida</i> (<i>Arthrobacter siderocapsulatus</i>)
Purity	>85% (SDS-PAGE)
Sequence	GTHVIKMPD IGEGIAQVEL VEWFKVVDI IAEDQVVADV MTDKATVEIP SPVSGKVLAL GGQPGEVMAV GSELIRIEVE GSGNHVDVPQ AKPAEVPAAP VAAKPEPQKD VKPAAYQASA SHEAAPIVPR QPGDKPLASP AVRKRALDAG IELRYVHGSG PAGRILHEDL DAFMSKPQSA AGQTPNGYAR RTDSEQVPVI GLRRKIAQRM QDAKRRVAHF SYVEEIDVTA LEALRQQLNS KHGDSRGKLT LLPFLVRLV VALRDFPQIN ATYDDEAQII TRHGAVHVGI ATQGDNGLMV PVLRHAEAGS LWANAGEISR LANAARNKA SREELSGSTI TLTSLGALGG IVSTPVVNTPEVAIVGVNRM VERPVVIDGQ IVVRKMMNLS SSFDHRVVDG MDAALFIQAV RGLLEQPAQL FVE
Source	Mammalian cell
Target Names	bkdB
Protein Names	Recommended name: Lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex EC= 2.3.1.168 Alternative name(s): Branched-chain alpha-keto acid dehydrogenase complex component E2 Short name= BCKAD-E2
Expression Region	2-423
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.