



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

<b>Product Code</b>	CSB-EP872731EZC
<b>Abbreviation</b>	bkdB
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9I1M0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Pseudomonas aeruginosa</i> (strain ATCC 15692 / DSM 22644 / CIP 104116 / JCM 14847 / LMG 12228 / 1C / PRS 101 / PAO1)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	GTHVIKMPD IGEGLAEVEL VEVHVQVGDS VNEDQVLAEV MTDKATVEIP SPVAGRILAL GGQPGQVMAV GGELIRLEVE GAGNLAESPA AATPAAPVAA TPEKPKEAPV AAPKAAAEAP RALRDSEAPR QRRQPGERPL ASPAVRQRAR DLGIELQFVQ GSGPAGRVLH EDLDAYLTQD GSVARSGGAA QGYAERHDEQ AVPVIGLRRK IAQKMQDAKR RIPHFSYVEE IDVTDLEALR AHLNQKWGGQ RGKLTLLPFL VRAMVVALRD FPQLNARYDD EAEVVTRYGA VHVGIATQSD NGLMVPVLRH AESRDLWGNA SEVARLAEAA RSGKAQRQEL SGSTITLSSL GVLGGIVSTP VINHPEVAIV GVN RIVERPM VVGGNIVVRK MMNLSSSFDH RVVDGMDAAA FIQAVRGLLE HPATLFLE
<b>Source</b>	E.coli
<b>Target Names</b>	bkdB
<b>Protein Names</b>	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
<b>Expression Region</b>	2-428
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.

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**Shelf Life**

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