



Recombinant *Bacillus clausii* Lactate utilization protein B (lutB)

Product Code	CSB-EP719685BAAC-B
Abbreviation	lutB
Storage	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.
Uniprot No.	Q5WJE0
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MAIKISDAPF SKRVEKGLQD GFMRQAVSSA QERLKTSKGS AEKELGNWEE WRTLAEEIRS HTLNHIDFYH HQLSENEKA GGHVYFAQTA EEANQYIKEI VSSKEAQKVV KSKSMVTEEI SMNKALEDIG CEVIETDLGE YILQIDHDHP PSHIVAPALH KNKEQIRDTE KARKGYTKSE NPQELTLFAR EQLRKEFLSA DVGITGCNFA VAESGSISLV TNEGNAALAT ALPKTHIAVM GMERIVPTWE ELDILVSMCL RSAVGQKLTS YVTGLTGPRE DGDADGPEEF HLVIDNNGRS NILGTEFQAA LHCIRCAACI NVCPVYRHVG GHSYGSYIPG PIGAVLTPLL EGYEDHKELP YASSLCAACT DACPVKIPLH ELLIKHRRVI AEQKRTARTE ALAMKGFGIG ASSPMLYKAG TKVVPFLLFP FVKDGAIPKG PGPLKGWTDV RHLPAKAKER FRDWFKARQK EGAHD
Source	E.coli
Target Names	lutB
Protein Names	Recommended name: Lactate utilization protein B
Expression Region	1-475
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.