



# Recombinant *Bacillus licheniformis* Acetate kinase (ackA)

<b>Product Code</b>	CSB-EP737486BQU
<b>Abbreviation</b>	ackA
<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>	Q65G65
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Bacillus licheniformis</i> (strain ATCC 14580 / DSM 13 / JCM 2505 / NBRC 12200 / NCIMB 9375 / NRRL NRS-1264 / Gibson 46)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSKIIAINAG SSSLKFQLFE MPSEKVLTKG LVERIGLDNG IFTISVNDEK KTETTDIPDH SVAVKMLLDK LTKFGIIKDL NEIDGIGHRV VHGGKEKFSDS VLLTDEMIHE IEEISELAPL HNPANIVGIK AFKEVLPNVP AVAVFDTAFH QTMPEQSYLY SLPYEYYEKF GIRKYGFHGT SHKYVTERAA ELLGRPIEEL RLISCHLGNG ASIAAVEGGK SIDTSMGFTP LAGVAMGTRS GNIDPALIPF IMEKTGQTAD EVLNTLNKKS GLLGISGFSS DLRDIVEATK EGNERAETAL EVFASRIHKY IGSYAARMSG VDAIIFTAGI GENSVEVRER VLHGLEFMGV YWDPALNNVR GKEAFISYPH SPVKVIVIPT NEEVMIARDV VRLAH
<b>Source</b>	E.coli
<b>Target Names</b>	ackA
<b>Protein Names</b>	Recommended name: Acetate kinase EC= 2.7.2.1 Alternative name(s): Acetokinase
<b>Expression Region</b>	1-395
<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 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.
<b>Shelf Life</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.