



Recombinant *Bacillus clausii* Acetate kinase (ackA)

Product Code	CSB-MP722817BAAC
Abbreviation	ackA
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.	Q5WED5
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MAKIIAINAG SSSLKFQLLA MPEETVIAGK LVERIGLKKS IFTIEANGQQ HELTEDIPDH AAVKLLLLKD LTGRGIIASL EEIEGIGHRV VHGGGEKFND VVITDEV LQG IEEVSELAPL HNPANITGIK AFKEVLPNVP AVAVFDTAFH QTMPESAFLY SLPYEYYEYK GIRKYGFHGT SHKYVTHRAA ELMETPIEEL RILSCHLGNG ASIAAVKGGK SIDTSMGFTP LAGVTMGTRS GNIDPALIPY IMEKTGQSVE EVVATLNKKS GLLGITGFSS DLRDIEAAAK EGDERAQVAL DVFASRIHKY VGSYAARMGG LDAIVFTAGI GENSATIRER VLKGLSFMGV DVDLEKNNVR GKEAFIEKAG APVKIIVIPT NEEVMIARDT VRLTS
Source	Mammalian cell
Target Names	ackA
Protein Names	Recommended name: Acetate kinase EC= 2.7.2.1 Alternative name(s): Acetokinase
Expression Region	1-395
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.