



# Recombinant Bacillus subtilis Catabolite control protein A (ccpA)

<b>Product Code</b>	CSB-EP326521BRJ-B
<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>	P25144
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bacillus subtilis (strain 168)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSNITIYDVA REANVSMATV SRVVNGNPNV KPTRRKKVLE AIERLGYRPN AVARGLASKK TTTVGVIIPD ISSIFYSELA RGIEDIATMY KYNILSNSD QNMEKELHLL NTMLGKQVDG IVFMGGNITD EHVAEFKRSP VPIVLAASVE EQEETPSVAI DYEQAIYDAV KLLVDKGHTD IAFVSGPMAE PINRSKLLQG YKRALEEANL PFNEQFVAEG DYTYSGLA LQHLMSLDKK PTAILSATDE MALGIIHAAQ DQGLSIPEDL DIIGFDNTRL SLMVRPQLST VVQPTYDIGA VAMRLLTKLM NKEPVEEHIV ELPHRIELRK STKS
<b>Source</b>	E.coli
<b>Target Names</b>	ccpA
<b>Protein Names</b>	Recommended name: Catabolite control protein A Alternative name(s): Glucose-resistance amylase regulator
<b>Expression Region</b>	1-334
<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.