



Recombinant *Bacillus cereus* Biotin synthase (bioB)

Product Code	CSB-EP737206BAAD-B
Abbreviation	bioB
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.	Q635G7
Product Type	Recombinant Protein
Immunogen Species	Bacillus cereus (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MKQVQTKRDW KKLAYDVVEE KMITKEDAIA ILEADDTEVL EIMNAAYIIR HHYFGKKVKL NMIINTKSGL CPEDCGYCSQ SIISEAPIDK YAWLTQEKIV EGAHEAIRRK AGTYCIVASG RRPTDKEVNH VIGAVKEIRE TTDLKICCCCL GFLNEDQAGR LAEAGVHRYN HNLNTHANNY ESICSTHTYD DRVDTVQKAK QAGISPCSGA IFGMGETIEE RAEIAFELQR IDADSIPCNF LVAVKGTPL GQKELTPVEC LKVLAMMRV NPTKEIRISG GREINLRSVQ PIGLFAANSI FVG DYLT TAG QEPTADW GMI EDLGFEIEEC AL
Source	E.coli
Target Names	bioB
Protein Names	Recommended name: Biotin synthase EC= 2.8.1.6
Expression Region	1-332
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.