



Recombinant Bacteroides fragilis Biotin biosynthesis bifunctional protein BioAB (bioB)

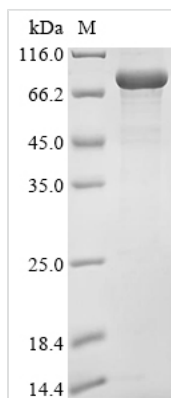
Product Code	CSB-EP708633BAAB(A4)
Abbreviation	Recombinant Bacteroides fragilis bioB protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q5LEY1
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Bacteroides fragilis (strain ATCC 25285 / DSM 2151 / CCUG 4856 / JCM 11019 / NCTC 9343 / Onslow)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MTIEEIKNQVLQGTAISREQAEWLALYPRKEELYDAAHDITTACASQEFDMCSSII NARSGRCPENCKWCAQSSHYKTKADVYDLVSADECLRQAKYNEAQGVNRF LVTSGRKPSPKNMKELCVAARRMRRHSSIRLCASLGLLDEEELQALYDAGVTR YHCNLETAPSHFDSLCTTHTQEQLKTLHAARRVGMDLCCGGIIGMGETVEQ RIEFAFTLRDLNIQSIPINLLQPIPGTLEHQSPLEEEILTVALFRFINPAAYLRF AGGRSQLTPEAVRKSLYIGINSAIVGDLTTLGSKVSDDKEMILSEGYHFADSQ FDREHLWHPYTSTSNPLPVYKVKRADGATITLESQTLIEGMSSWWCAVHGY NHPILNQAVQDQLSRMSHVMFGGLTHDPAIELGKLLLPLVPPSMQKIFYADSG SVAVEVALKMAVQYWYAAGKPEKNFVTIRNGYHGDWTNAMSVCDPVTGMH SIFGSALPIRHFLPAPSSRFGDEWNPEDIRPLEYLLEKHADELAFILEPIVQGA GGMRFYHPEYLKEAARLCHRYGVLLIFDEIATGFGRTGKLFAWEHAGVEPDIM CIGKALTGGYMTLSAVLTTNEVADCISNHAPGAFMHGPTFMGNPLACAVACAS VRLLLTSGWQENVKRIEAQLNRELAPARELPQVADVRVLGAIGVIEMKEPVNM AYLQRRFVEEGIWL RPF GKLIYVMPPFIITPEQLTKLTEGMIRIISNGLPGSQTK
Research Area	Others
Source	E.coli
Target Names	bioB
Expression Region	1-748aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged



Mol. Weight 90.6 kDa

Protein Length Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.