



Recombinant V-type ATP synthase beta chain (atpB)

Product Code	CSB-EP714766BUI-B
Abbreviation	atpB
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.	Q662R9
Product Type	Recombinant Protein
Immunogen Species	Borrelia bavariensis (strain ATCC BAA-2496 / DSM 23469 / PBi) (Borrelia bavariensis)
Purity	≥85% (SDS-PAGE)
Sequence	MKRVYSKIEC IAGNVITVTA QGIKYGELAI VKAKDTSSLA EVIKLDREKV SLQVYGGTRG ISTSDEIKFL GHSMQVSFSD NLLGRIFDGS GNPRDGGPSL DDNLIEIGGP SANPAKRIVP RNMIRTGLPM IDVFNTLVES QKLPIFSVSG EPYNELLRI ALQAEVDLII LGGMGLKHDD YLTFKDSLEK GGALSRTIFF VHTANDSVVE SLTVPDISLS VAEKFALKGK KVLVLLTDMT NFADAMKEIS ITMEQVPSNR GYPGDLYSQL AYRYEK AIDF EGAGSITILT VTTMPGDDVT HPVPDNTGYI TEGQYYLKGG RIEPFGSLSR LKQMVNGRTR DDHRTIMDSM IKLYASSKDS VEKKAMGFNM TKWDEKLLKY SNMFESKMMMD LSVNIPLEEA LDLGWDILAS CFSPKETGIK TDLIEKYWPK KETS
Source	E.coli
Target Names	atpB
Protein Names	Recommended name: V-type ATP synthase beta chain Alternative name(s): V-ATPase subunit B
Expression Region	1-434
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.