



Recombinant *Coffea arabica* ATP synthase subunit beta, chloroplastic (atpB)

Product Code	CSB-EP366315DVA-B
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.	A0A342
Product Type	Recombinant Protein
Immunogen Species	<i>Coffea arabica</i> (Arabian coffee)
Purity	>85% (SDS-PAGE)
Sequence	MKINPTTSGS GVSTLEKKNM GRIVQIIGPV LDVAFPAGKM PNIYNALVVK GRDTVGPIN VTCEVQQLLG NNRVRVAVMS STDGLTRGME VIDTGAPLSV PVGGATLGRI FNVLGEPVDN LGAVDTRTTS PIHRSAPAFI QLDTKLSIFE TGIKVVDLLA PYRRGGKIGL FGGAGVGKTV LIMELINNIA KAHGGVSVFG GVGERTREGN DLYMEMKESG VINKENIAES KVALVYGQMN EPPGARMRVG LTALTMAEYF RDVNEQDVLL FIDNIFRFVQ AGSEVSALLG RMPSAVGYQP TLSTEMGSLQ ERITSTKEGS ITSIQAVYVP ADDLTDPPAPA TTF AHLDATT VLSRGLAAKG IYPAVDPLDS TSTMLQPRIV GEEHYETAQR VKQTLQRYKE LQDIIAILGL DELSEEDRLT VARARKIERF LSQPFFVAEV FTGSPGKYVG LAETIRGFQL ILSGELDSL P EQAFYLVGNI DEATAKAMNL EMENNLKK
Source	E.coli
Target Names	atpB
Protein Names	Recommended name: ATP synthase subunit beta, chloroplastic EC= 3.6.3.14 Alternative name(s): ATP synthase F1 sector subunit beta F-ATPase subunit beta
Expression Region	1-498
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.