Recombinant Lemna minor ATP synthase subunit beta, chloroplastic (atpB)

Product Code	CSB-MP431150LLL
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.	A9L9A3
Product Type	Recombinant Protein
Immunogen Species	Lemna minor (Common duckweed)
Purity	≥85% (SDS-PAGE)
Sequence	MQINPTTSGT AVSQLEEKNL GRVAQIIGPV LDVVFPPGKM PNIYNALVVK GQDADGQEIK VTCEVQQLLG NNRVRAVAMS ATDGLTRGMD VIDTGAPLSV PVGGATLGRI FNVLGEPVDN LGPVDTRTTS PIHRSAPAFI QLDTKLAIFE TGIKVVDLLA PYRRGGKIGL FGGAGVGKTV LIMELINNIA KAHGGVSVFG GVGERTREGN DLYMEMKESG VINEKNITES KVALVYGQMN EPPGARMRVG LTALTMAEYF RDVNEQDVLL FIDNIFRFVQ AGSEVSALLG RMPSAVGYQP TLSTEMGSLQ ERITSTKEGS ITSIQAVYVP ADDLTDPAPA TTFAHLDATT VLSRGLAAKG IYPAVDPLDS TSTMLQPGIV GEDHYETAQR VKETLQRYKE LQDIIAILGL DELSEEDRLT VARARKIERF LSQPFFVAEV FTGSPGKYVG LEETIRGFKL ILSGELDSLP EQAFYLVGNI DEATAKAINL EVESKLKK
Source	Mammalian cell
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.