



Recombinant Nymphaea alba ATP synthase subunit beta, chloroplastic (atpB)

Product Code	CSB-EP735402NES-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.	Q6EW72
Product Type	Recombinant Protein
Immunogen Species	Nymphaea alba (White water-lily) (Castalia alba)
Purity	≥85% (SDS-PAGE)
Sequence	MRINPTTSGL GVSTLVEKNQ GRIAQIIGPV LDVAFPPGKM PNIYNSLVVK GRDTAGQEIN VTCEVQQLLG NNRVRVAVAMS ATDGLTRGME VIDTGAPLSV PVGGATLGRI FNVLGEPVDN LGPVDTRTTS PIHRAAPAFT QLDTKLSIFE TGIKVVDLLA PYRRGGKIGL FGGAGVGKTV LIMELINNIA KAHGGVSVFG GVGERTREGN DLYMEMKESG VINEENIAES KVALVYGQMN EPPGARMRVG LTALTMAEYF RDVNEQDVLL FIDNIFRFVQ AGSEVSALLG RMPSAVGYQP TLSTEMGSLQ ERITSTKEGS ITSIAVYVP ADDLTDPAAPA TTFAHLDATT VLSRGLAAKG IYPAVDPLDS TSTMLQPRIV GEEHYETAQR VKQTLQRYKE LQDIIAILGL DELSEEDRLT VARARKIERF LSQPFFVAEV FTGSPGKYVG LAETIRGFQL ILSGELDSFP EQAFYLVGNI DEATAKAMNL EVESKLKK
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.



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