



Recombinant *Gossypium hirsutum* ATP synthase subunit beta, chloroplastic (atpB)

| | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | CSB-MP645688GHB |
| 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. | Q2L917 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Gossypium hirsutum</i> (Upland cotton) (<i>Gossypium mexicanum</i>) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MKINPTTSVP GVSTLEKENL GRISQIIGPV LDVAFPPGKM PNIYNALVVK GQDTAGQQIN VTCEVQQLLG NNRVRVAVAMS ATDGLTRGME VIDTGAALSV PVGGATLGRI FNVLGEPVDN LGPVDTRTTS PIHKSAPAFI QLDTKLSIFE TGIKVVDLLA PYRRGGKIGL FGGAGVGKTV LIMELINNIA KAHGGVSVFG GVGERTREGN DLYMEMKESG VINEQNLAES KVALVYGQMN EPPGARMRVG LTALTMAEYF RDVNEQDVLL FIDNIFRFVQ AGSEVSALLG RMPSAVGYQP TLSTEMGTLQ ERITSTKEGS ITSIQAVYVP ADDLTDPPA TTFALHDATT VLSRGLAAKG IYPAVDPLDS TSTMLQPRIV GEEHYETAQR VKQTLQRYKE LQDIIAILGL DELSEEDRLT VARARKIERF LSQPFFVAEV FTGSPGKYVG LAETIRGFKL ILSGELDGLP EQAFYLVGNI DEATAKATNL EMESKLKK |
| 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.