



Recombinant Solanum tuberosum ATP synthase epsilon chain, chloroplastic (atpE)

Product Code	CSB-YP637741FIG
Abbreviation	atpE
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.	Q27S44
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	MTLNLSVLTP NRIVWDSEVE EIVLSTNSGQ IGILPNHAPI ATAVDIGILR IRLNDQWLTM ALMGGFARIG NNEITVLVND AEKGSNDINPQ EAQQTLEIAE ANVKKAEGRR QKIEANLALR RARTRVEASN PIS
Source	Yeast
Target Names	atpE
Protein Names	Recommended name: ATP synthase epsilon chain, chloroplastic Alternative name(s): ATP synthase F1 sector epsilon subunit F-ATPase epsilon subunit
Expression Region	1-133
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.