



Recombinant *Synechococcus elongatus* ATP synthase gamma chain (atpG)

Product Code	CSB-EP654647FPY-B
Abbreviation	atpG
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.	Q31RF0
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MANLKAIRDR IKSVRNTRKI TEAMRLVAAA KVRRAQEQVL STRPFADRLA QVLAGLQQRL QFENVDLPLL QRREVKTVAL LVVSGDRGLC GGYNSNVIRR AEQRARELSA QGLDYKFVIV GRKAGQYFQR REQPIEATYS GLEQIPTAQE ANDIADELLS LFLSGTVDRV ELVYTKFLSL VASNPVVQTL LPLDPQGLAS SDDEIFRLTT RGGSTVERE KLTSEVAPLP RDMIFEQDPA QILSALLPLY LSNQLLRALQ EAAASELAAR MTAMNSASDN ANALVGQLTL VYNKARQAAI TQELLEVVAG AEALNG
Source	E.coli
Target Names	atpG
Protein Names	Recommended name: ATP synthase gamma chain Alternative name(s): ATP synthase F1 sector gamma subunit F-ATPase gamma subunit
Expression Region	1-316
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.