



Recombinant *Synechococcus elongatus* DNA-directed RNA polymerase subunit omega (rpoZ)

Product Code	CSB-BP653927FPY
Abbreviation	rpoZ
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.	Q31MH9
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MLQRFDLDSQ DLLFKAESLI VNSTNRYHVT LQIARRAKQA RYEEMENLSE ETGIKPVLRA ILEMSDELNQ PEIIGG
Source	Baculovirus
Target Names	rpoZ
Protein Names	Recommended name: DNA-directed RNA polymerase subunit omega Short name= RNAP omega subunit EC= 2.7.7.6 Alternative name(s): RNA polymerase omega subunit Transcriptase subunit omega
Expression Region	1-76
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.