



Recombinant *Synechococcus elongatus* Phosphate import ATP-binding protein PstB (pstB)

Product Code	CSB-EP653915FPY-B
Abbreviation	pstB
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.	Q31KE8
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MSPTAGENIL LKAEALSVYY GNSLAVKDVY LEVPKNKIVA FIGPSGCGKS TILRCFNRMN DLINGCRVQG RITFHDQEIN DGRVDAVELR SRIGMVFQKP NPFPSIYEN IAYGARINGY QGDMDELVEK SLRQAALWDE VKDKLKDSGL ALSGGQQQRL CIARTVAVQP EVILMDEPCS ALDPISTLAI EELMQLTKEQ YTIIVTHNM QQASRTSDYT AFFNARATEG GGKMGYLVEF DTTEKIFDSP DQEATADYVS GRFG
Source	E.coli
Target Names	pstB
Protein Names	Recommended name: Phosphate import ATP-binding protein PstB EC= 3.6.3.27 Alternative name(s): ABC phosphate transporter Phosphate-transporting ATPase
Expression Region	1-264
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.