



Recombinant *Synechococcus* sp. Phycocyanobilin lyase subunit CpcS (cpcS)

Product Code	CSB-BP425862FQA
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.	A8HTM2
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus</i> sp. (strain ATCC 27264 / PCC 7002 / PR-6) (<i>Agmenellum quadruplicatum</i>)
Purity	>85% (SDS-PAGE)
Sequence	MQSFADAKEF FQYSAGQWQS RRVTHHLPFR RAESGGSNIQ VETLEKDDPR IIEICQMhDM DASLSVGGSY VTWAGTMQWD KDDENHEGST VFALIPDADN PRQGKLLRER GYAEIVPVAG EYHLDHEDGL VLTTEYETMT IYERFWFANP DLRLRTSTVK RFGGFNTTTF CMEERIQTSP VTATAAAETN PLYAISGW
Source	Baculovirus
Target Names	cpcS
Protein Names	Recommended name: Phycocyanobilin lyase subunit CpcS EC= 4.-.-.
Expression Region	1-198
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.