



Recombinant *Synechocystis* sp. Cyanophycinase (cphB)

Product Code	CSB-EP301852SSQ-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P73832
Product Type	Recombinant Protein
Immunogen Species	<i>Synechocystis</i> sp. (strain PCC 6803 / Kazusa)
Purity	>85% (SDS-PAGE)
Sequence	PLSSQPAIL IIGGAEDKVH GREILQTFWS RSGGNDAIIG IIPSASREPL LIGERYQTIF SDMGVKELKV LDIRDRAQGD DSGYRLFVEQ CTGIFMTGGD QLRLCGLLAD TPLMDRIRQR VHNGEISLAG TSAGAAVMGH HMIAGGSSGE WPNRALVDMA VGLGIVPEIV VDQHFHNRNR MARLLSAIST HPELLGLGID EDTCAMFERD GSVKVIQGT VSFVDARDMS YTNAALVGAN APLSLHNLRL NILVHGEVYH QVKQRAFPRV T
Source	E.coli
Target Names	cphB
Protein Names	Recommended name: Cyanophycinase EC= 3.4.15.6
Expression Region	2-271
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 of Mature 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.