



Recombinant *Synechococcus elongatus* Phosphoglycolate phosphatase (cbbZ)

Product Code	CSB-MP017873FPY
Abbreviation	cbbZ
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.	Q55039
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	≥85% (SDS-PAGE)
Sequence	MQAIIFDFDG TLVDSLPTVV AIANAHAPDF GYDPIDERDY AQLRQWSSRT IVRRAGLSPW QQARLLQRVQ RQLGDCLPAL QLFPGVADLL AQLRSRSLCL GILSSNSRQN IEAFLQRQGL RSLFSVVQAG TPILSKRRAL SQLVAREGWQ PAAVMYVGDE TRDVEAARQV GLIAVAVTWG FNDRQSLVAA CPDWLLETPS DLLQAVTQLM RQ
Source	Mammalian cell
Target Names	cbbZ
Protein Names	Recommended name: Phosphoglycolate phosphatase Short name= PGP Short name= PGPase EC= 3.1.3.18
Expression Region	1-212
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.