



Recombinant *Synechococcus elongatus* Photosystem II manganese-stabilizing polypeptide (psbO)

Product Code	CSB-EP320003FPY
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.	P11472
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	ADL GTLTYDQIKD TGLANKCLSL KESARGTIPL EAGKKYALTD LCLEPQEFFV KEEPGNKRQK AEFVPGKVL T RYTSSLDQVY GDLALKADGT VSFTEKGGID FQAITVLLPG GEEVPFLFTV KGLVASTSEP ATSINTSTDL RGGYRVPSYR TSNFLDPKAR GLTTGYESAV AIPSAGDAED LTKENVKRFV TGQGEISLAV SKVDGATGEV AGVFTAIQPS DTDMMGGKEAV DVKLVGQFYG RIEPADA
Source	E.coli
Target Names	psbO
Protein Names	Recommended name: Photosystem II manganese-stabilizing polypeptide Short name= MSP
Expression Region	28-277
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.