



Recombinant Nostoc sp. Photosystem II manganese-stabilizing polypeptide (psbO)

Product Code	CSB-EP318440NHR-B
Storage	The shelf life of liquid-form form is 6 months around at -20°C/-80°C. The shelf life of lyophilized form is 12 months around at -20°C/-80°C.
Uniprot No.	P13907
Product Type	Recombinant Protein
Immunogen Species	Nostoc sp. (strain PCC 7120 / SAG 25.82 / UTEX 2576)
Purity	>85% (SDS-PAGE)
Sequence	R DILTYEQIRG TGLANKCPQL TETSRGSIPL DSSKSYVLKE LCLEPTNFFV KEEPANKRQT AEFVAGKLLT RYTSTIDQVS GDLKFNDSS LTFVEKDGLD FQAITVQLPG GERVPFLFTI KNLVAQTQPG LSSLNTSTDF EGTFKVPSYR GAAFLDPKGR GVVSGYDNAV ALPAQADDED LTRTNVKRAE ILNGKISLQI AKVDSSSGEI AGTFESEQPS DTDLGADEPK EVKIRGIFYA RVE
Source	E.coli
Target Names	psbO
Protein Names	Recommended name: Photosystem II manganese-stabilizing polypeptide Short name= MSP
Expression Region	30-273
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.