



Recombinant Light-dependent protochlorophyllide reductase (por)

Product Code	CSB-EP525387EWY-B
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.	O66148
Product Type	Recombinant Protein
Immunogen Species	Leptolyngbya boryana (Plectonema boryanum)
Purity	>85% (SDS-PAGE)
Sequence	MAQDQKPTVV ITGASSGVGL YAAKALVKRG WHVVMACRNL EKADSAAKSL GMSPDSYTLM HIDLGSLDSV RKFVTQFRES GKSLDALVCN AAVYMPLLKE PMRSPEGYEL SVATNHFGHF LLCNLLLEDL KHSTHNDPRL IILGTVTANS KELGGKIPI APADLGDLG LEAGFKAPIA MIDGKPKFAG KAYKDSKLCN MITSRELHRR YHDSTGIVFN TLYPGCVADT PLFRNSLPVF QKVFPWFQKN ITGGYVSQEL AGERTAQVVA DPEFKQSGVH WSWGNRQKEG RESFVQELSE KVTDDAKAKR MWELSEKLVG LA
Source	E.coli
Target Names	por
Protein Names	Recommended name: Light-dependent protochlorophyllide reductase Short name= PCR EC= 1.3.1.33 Alternative name(s): NADPH-protochlorophyllide oxidoreductase Short name= LPOR Short name= POR
Expression Region	1-322
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.