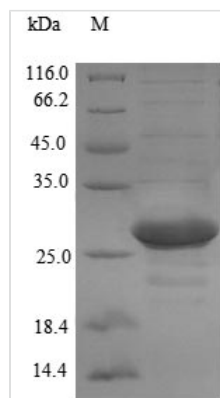




Recombinant Prochlorothrix hollandica Plastocyanin (petE)

Product Code	CSB-EP344627PSD
Relevance	Participates in electron transfer between P700 and the cytochrome b6-f complex in photosystem I.
Abbreviation	Recombinant Prochlorothrix hollandica petE protein
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.	P50057
Product Type	Recombinant Protein
Immunogen Species	Prochlorothrix hollandica
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ATVQIKMGTDKYAPLYEPKALSISAGDTVEFVMNKVGPHNVIFDKVPAGESAPALSNTKLAIAPGSFYSVTLGTPGTYSFYCTPHRGAGMVGITVE
Research Area	Others
Source	E.coli
Target Names	petE
Protein Names	Recommended name: Plastocyanin
Expression Region	35-131aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	26.2 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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.