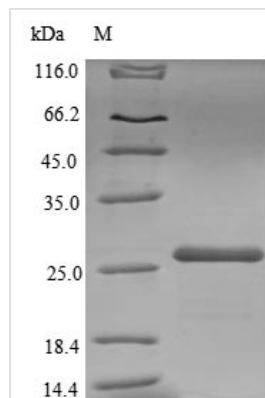




Recombinant Spinacia oleracea Plastocyanin, chloroplastic (PETE), partial

Product Code	CSB-EP365424FKI
Relevance	Participates in electron transfer between P700 and the cytochrome b6-f complex in photosystem I.
Abbreviation	Recombinant Spinacia oleracea PETE protein, partial
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.	P00289
Product Type	Recombinant Protein
Immunogen Species	Spinacia oleracea (Spinach)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	VEVLLGGGDGSLAFLPGDFSVASGEEIVFKNNAGFPHNVVFDEDEIPSGVDAA KISMSEEDLLNAPGETYKVTLTEKGTYKFYCSPHQGAGMVGKVTVN
Research Area	Others
Source	E.coli
Target Names	PETE
Protein Names	Recommended name: Plastocyanin, chloroplastic
Expression Region	70-168aa
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	26.4 kDa
Protein Length	Partial

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.