

Recombinant Full Length Arabidopsis Thaliana Photosystem II 22 Kda Protein, Chloroplastic(Psbs) Protein, His-Tagged

Cat. No. RFL3907AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana Photosystem II 22 kDa protein, chloroplastic(Psbs) Protein (Q9XF91) (60-265aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (60-265)
Form	Lyophilized powder
AA Sequence	AAPKKVEKPKSKVEDGIFGTSGGIGFTKANELFVGRVAMIGFAASLLGEALTGKGILA QL NLETGIPIYEAEP LLLFFILFTLLGAIGALGDRGKFVDDPPTGLEKAVIPPGKNVRS ALG LKEQGPLFGFTKANELFVGRLAQLGIAFSLIGEITGKGALAQLNIETGIPIQDIEPL VL LNVAFFFFFAINPGNGKFITDDGEES
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
-----------------------	---

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.

GENE INFORMATION**Gene Name**

PSBS

Synonyms

PSBS; NPQ4; At1g44575; T18F15.3; Photosystem II 22 kDa protein, chloroplastic; CP22; Protein NONPHOTOCHEMICAL QUENCHING 4; Protein PHOTOSYSTEM II SUBUNIT S

UniProt ID[Q9XF91](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA