

Recombinant Full Length Photosystem I Reaction Center Subunit Psak(Psak) Protein, His-Tagged

Cat. No. RFL25034CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Photosystem I reaction center subunit PsaK(psaK) Protein (O19902) (1-84aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Cyanidium caldarium (Red alga)
Source	E.coli
ProteinLength	Full Length (1-84)
Form	Lyophilized powder
AA Sequence	MLASYLNLFNTPWNSSISIIMILSNIMAIVVGRYSIKVRGLKPPIAISQLKDFGVPELLA T MSLGHIIGVGSTIGLKTlnfity
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.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0

 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

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	psaK
Synonyms	psaK; Photosystem I reaction center subunit PsaK; PSI-K; Photosystem I subunit X
UniProt ID	O19902