

# Recombinant Full Length *Agrostis Stolonifera* Photosystem II Cp43 Chlorophyll Apoprotein(PsbC) Protein, His-Tagged

Cat. No. RFL12213AF Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Full Length *Agrostis stolonifera* Photosystem II CP43 chlorophyll apoprotein(psbC) Protein (A1E9Z4) (15-473aa), fused to N-terminal His tag, was expressed in *E. coli*.

**Species** *Agrostis stolonifera*

**Source** *E.coli*

**ProteinLength** Full Length of Mature Protein (15-473)

**Form** Lyophilized powder

**AA Sequence**

TLFNGTFVLAGRDQETTGFVWAGNARLINLSGKLLGAHVAHAGLIVFWAGAMNLF  
 EVAH FVPEKPMYEQGLILLPHLATLGWGVGPGGEVLDTFPYFVSGVLHLISSAVLGF  
 GGIYHAL LGPETLEESFPFFGYVWKDRNKMTTILGIHLILLGLGAFLLVLKALYFGGVY  
 DTWAPGGG DVRKITNLTLSPSVIFGYLLKSPFGGEGWIVSVDLEDIIGGHVWLGI  
 CVFGGIWHILT KPFAWARRAFVWSGEAYLSYLAALSVFGFIACCFVWFNNTAYPS  
 EFIGPTGPEASQAQA FTFLVRDQRLGANVGSAAQPTGLGKYLMSPTGEVIFGG  
 TMRFWDLRAPWLEPLRGPNG LDLSRLKKDIQPWQERRSAEYMTAPLGLSLNSVG  
 GVATEINAVNYVSPRSWLSTSHFVLG FFFVGHLLWHAGRARAAAAGFEKIDRDLE  
 PVLYMNPLN

**Purity** Greater than 90% as determined by SDS-PAGE.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	psbC
<b>Synonyms</b>	psbC; Photosystem II CP43 reaction center protein; PSII 43 kDa protein; Protein CP-43
<b>UniProt ID</b>	<a href="#">A1E9Z4</a>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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