

Recombinant Full Length Psilotum Nudum Photosystem II Cp43 Chlorophyll Apoprotein(Psbc) Protein, His-Tagged

Cat. No. RFL26384PF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Psilotum nudum Photosystem II CP43 chlorophyll apoprotein(psbC) Protein (Q8WI20) (3-461aa), fused to N-terminal His tag, was expressed in E. coli.

Species Psilotum nudum (Whisk fern) (Lycopodium nudum)

Source E.coli

ProteinLength Full Length of Mature Protein (3-461)

Form Lyophilized powder

AA Sequence

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TLFNGTSLGGRDQETTGFVWAGNARLTNLSGKLLGAHVAHAGLIVFWAGAMNL
FEVAH FVPEKPMYEQGLILLPHLATLGWGVGPGGEVIDTFPYFVSGVLHLVSSAVLG
FGGIYHAL IGPETLEESFPFFGYVWKDKSKMTTILGIHLILLGAGAFLLVLKSVYFGGV
YDTWAPGGG DVRKITNLTLSPSILFGYLLKSPFGGEGWIISVDNLEDIIGGHVWLGSI
CIFGGIWHILT KPFAWARRAFVWSGEAYLSYSLGALSIFGFTACCFVWFNNTAYPSE
FYGPTGPEASQAQA FTFLVRDQRLGASIGSAQGPTGLGKYLMSPTGEIIFGGETM
RFWDLRAPWLEPLRGPNG LDLNKLRRDIQPWQERRSAEYMTAPLGLNSVGGV
ATEINAVNYVSPRSWLATSHFVLG FFFFVGHLLWHAGRARAAAAGFEKGIDRDTEPV
LSMTPLN
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Purity Greater than 90% as determined by SDS-PAGE.

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

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
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	psbC
Synonyms	psbC; Photosystem II CP43 reaction center protein; PSII 43 kDa protein; Protein CP-43
UniProt ID	Q8WI20

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