

Recombinant Full Length Prochlorococcus Marinus Divinyl Chlorophyll A/B Light-Harvesting Protein Pcbg(Pcbg) Protein, His-Tagged

Cat. No. RFL6489PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Prochlorococcus marinus Divinyl chlorophyll a/b light-harvesting protein pcbG(pcbG) Protein (Q46JW4) (1-354aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Prochlorococcus marinus
Source	E.coli
ProteinLength	Full Length (1-354)
Form	Lyophilized powder
AA Sequence	MQTYGNPDVTYGWWAGNSRVNTRAGKFIAAHAGHTGLISFAAGASTLWELARFDP SIAMG HQSSIFLAHLASIGIGFDDAGVWTGANVASVAIVHIIASLVYAGGALSHLLFD GDLADG PGPTTQKFKLEWDNPDNLTFILGHHLIFFGVACIAFVEWARIHGIYDPAIGA VRQVEYNL NLTNINWHQFDFLAIDNLEDVLGGHAFLAFVEITGGAFHIATKQVGEYT EFKGAGILSAE AVLSFSLAGIGWMAIVAFAFWCATNTTVYPEPWFGEPLALKFGISPY WIDTVEVSESTALA GHITRAALTNVHYFYGFFFFLQGHLLWHAIRALGFDFRRVTNAV AGLDRAQITLND
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C

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	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	pcbG
Synonyms	pcbG; PMN2A_0723; Divinyl chlorophyll a/b light-harvesting protein PcbG
UniProt ID	Q46JW4

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