

Recombinant Full Length Mastigocladus Laminosus Photosystem Q(B) Protein(Psba) Protein, His-Tagged

Cat. No. RFL30934MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mastigocladus laminosus Photosystem Q(B) protein(psbA) Protein (Q9S3W5) (1-342aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mastigocladus laminosus (Fischerella sp.)
Source	E.coli
ProteinLength	Full Length (1-342)
Form	Lyophilized powder
AA Sequence	MTTTLRRGETGSLWDRFCDWITSTNNRIYVGWFGVLMIPTLLAATICFVIAFIAAPPVD I DGIREPVS G S L L Y G N N I T G A V V P T S N A I G L H F Y P I W E A L D E W L Y N G G P Y E L I V F H F L I G I F C W L G R Q W E L S Y R L G M R P W I C V A Y S A P V A A A T S V F L I Y P I G Q G S F S D G M P L G I T G T F N F M L V F Q A E H N I L M H P F H Q L G V A G V F G G S L F C A M H G S L V T S S L V R E T T E T E S Q N Y G Y K F G Q E Q E T Y S I V A A H G Y F G R L I W Q Y A S F N N S R S L H F F L A A W P V V C I W F T A L G I S T M A F N L N G F N F N Q S I L D S Q G R V V N T W A D I L N R A N L G M E V M H E R N A H N F P L D L A
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

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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**

psbA

Synonyms

psbA; Photosystem II protein D1; PSII D1 protein; Photosystem II Q(B protein

UniProt ID

[Q9S3W5](#)

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