Recombinant Full Length Pinus Thunbergii Photosystem Q(B) Protein Protein, His-Tagged

Cat. No. RFL29478PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pinus thunbergii Photosystem Q(B) protein Protein (P69551) (2-344aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Pinus thunbergii (Japanese black pine) (Pinus thunbergiana)
Source	E.coli
ProteinLength	Full Length of Mature Protein (2-344)
Form	Lyophilized powder
AA Sequence	TAIIERRESANLWSRFCDWITSTENRLYIGWFGVLMIPTLLTATSVFIIAFIAAPPVDID GIREPVSGSLLYGNNIISGAIIPTSAAIGLHFYPIWEAASVDEWLYNGGPYELIVLHFLL GVACYMGREWELSFRLGMRPWIAVAYSAPVAAATAVFLIYPIGQGSFSDGMPLGIS GTFN FMIVFQAEHNILMHPFHMLGVAGVFGGSLFSAMHGSLVTSSLIRETTENQSA NAGYKFGQ EEETYNIVAAHGYFGRLIFQYASFNNSRSLHFFLAAWPVAGIWFTALGI STMAFNLNGFN FNQSVVDSQGRVINTWADIINRANLGMEVMHERNAHNFPLDLA
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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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℃/-80℃. 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	P69551

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