

Recombinant Full Length Gymnodinium Mikimotoi Photosystem Q(B) Protein(Psba) Protein, His-Tagged

Cat. No. RFL17476KF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Gymnodinium mikimotoi Photosystem Q(B) protein(psbA) Protein (Q9TJ82) (1-347aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Karenia mikimotoi (Red tide dinoflagellate) (Gymnodinium mikimotoi)
Source	E.coli
ProteinLength	Full Length (1-347)
Form	Lyophilized powder
AA Sequence	MKSTLLNKKSQQTTPAWEFFCSWVTTTENRLYLGWFGCLMVPTLVSATFAYIIGFLA APP VDIDGIREPVSGSLLYANNIISGAVIPSSNAMGVHFYPIWEAASLDEWLYNGGT QLVVF HFFIGVCSYLGREWELSYRLGMRPWIFVAFSAPVAAASAVFIVYPIGQGSFS DGMPLGIS GTFNFMLVFQAEHNILMHPLHMFGVAAVFGGSLFSAMHGSLVTSSLLK ETAEFESANYGY RFGQSTETYNIVAAHGYFGRLIFQYASFNNSRSLHFFLGAWPVV GIWLTAMGVSTMAFNL NGLNFQQSILDASGCPINTWADILNRRANLGMEVMHERNAH NFPLDLA
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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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	psbA
------------------	------

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

UniProt ID	Q9TJ82
-------------------	------------------------

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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