



Recombinant *Synechococcus elongatus* Photosystem Q (B) protein 1

Product Code	CSB-CF361439FPY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P04996
Product Type	Transmembrane Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Sequence	MTSILREQRRDNVWDRFCEWVTSTDNRIYVGWFGVLMIPTLLTATICFIVAFIAA PPVDI DGIREPVAGSLMYGNNIISGAVVPSSNAIGLHFYPIWEAASLDEWLYNGGPYQL VVFHFL LGISCYMGRQWELSYRLGMRPWICVAYSAPLSAAFAVFLIYPIGQGSFSDGMP LGISGTF NFMFVFQAEHNILMHPFHMLGVAGVFGGSLFSAMHGSLVTSSLVRETTETES QNYGYKFG QEEETYNIVAAHGYFGRLIFQYASFNNSRSLHFFLGAWPVVGIWFTSMGISTM AFNLNGF NFNQSVLDSQGKVINTWADVLRANLGMEMHERNAHNFPLDLA
Source	in vitro E.coli expression system
Target Names	psbA1
Protein Names	Recommended name: Photosystem Q(B) protein 1 EC= 1.10.3.9 Alternative name(s): 32 kDa thylakoid membrane protein 1 Photosystem II protein D1 1
Expression Region	1-344
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.