



Recombinant *Synechococcus elongatus* Photosystem II CP47 chlorophyll apoprotein (psbB)

Product Code	CSB-CF335602FPY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P31094
Product Type	Transmembrane Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Sequence	MGLPWYRVHTVVLNDPGRLIAVHLMHTALVAGWAGSMALYELAIFDPSDAVLN PMWRQGM FVLPMARLGVTQSWGWSITGETAVDPGYWSFEGVAIAHIVLSGLLFLAAVW HWVYWDL ELFTDPRTGEPALDLPKMFGIHLFSLGLLCFGFGAFHLSGLWGPGMWVSDPY GLTGHVQP VAPAWGPEGFNPFNPGGIVAHHIAAGVVGIVAGLFHLTVRPPERLYKALRMGN IETVLSS SLAAVFFAAAFVAGTMWYGNAATPVELFGPTRYQWDQGYFRQEIARRVDTAV ASGASLEE AWSSIPEKLAFYDYVGNSPAKGGLFRTGQMNGDZIAQGWLGHAVFKDKNG DVL DVRRLP NFFENFPIVLTDSKGAVRADIPFRRAEAKFSFEETGITASFYGGSLNGQTITDPA QVKKY ARKAQLGEAFEFDTETLNSDGVFRTSPRGWFTFGHASFALLFFFGHIWHGSR TLFRDVFA GIEADLGEQIEFGAFQKLGDPTRKTA
Source	in vitro E.coli expression system
Target Names	psbB
Protein Names	Recommended name: Photosystem II CP47 chlorophyll apoprotein Alternative name(s): Protein CP-47
Expression Region	1-508
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.