



Recombinant *Synechococcus elongatus* Photosystem II 44 kDa reaction center protein (psbC)

Product Code	CSB-CF319243FPY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P11004
Product Type	Transmembrane Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Sequence	MVTLSPPSVIAGGRDIDSTGYAWWSGNARLINLSGKLLGAHVVAHAGLIVFWAG AMTLFEV AHFVPEKPMYEQGIILLSHLATLGWGVGPGGEVVDTFPYFVVGVLHLISSAVLG LGGIYH ALRGPELEEYSTFFSQDWKDKNQMTNIIGYHLILLGLGAFLLVFKAMFFGGVY DTWAPG GGDVRIISNPTLNPAVIFGYLLKSPFGGDGWIVSVDNLEDVIGGHIWIGLICISGG IWHI LTKPFGWVRRAFIWNGEAYLSYSLGALSIMGFIASMTMVWYNNTVYPSEFFGPT AAEASQS QAFTFLVRDQRLGANIGSAQGPTGLGKYLMRSPTEIIFGGETMRFWDFRGP WLEPLRGP NGLDLDKLTNDIQPWQARRAAEYMTAPLGLNSVGGVATEINSVNFVSPRA WLATSHFV LAFFFLVGHHLWHAGRARAAAAGFEKGIDRATEPVLAMRDL
Source	in vitro E.coli expression system
Target Names	psbC
Protein Names	Recommended name: Photosystem II 44 kDa reaction center protein Alternative name(s): PSII 43 kDa protein Protein CP-43 Protein P6
Expression Region	1-461
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.