



Recombinant *Synechococcus elongatus* Photosystem II D2 protein (psbD1)

Product Code	CSB-CF318809FPY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P11005
Product Type	Transmembrane Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Sequence	MTIAVGRAPAERGWFVDLDDWLKRDRFVFGWSGLLLFPCAYLALGGWLTGT SFVTSWYT HGIASSYLEGGNFLTVAVSTPADAFGHSLMLLWGPEAQGNFVRWCQLGGLW NFVALHGAF GLIGFMLRQFEIARLVGVRPYNAIAFSGPIAVFVSFVFLMYPLGQSSWFFAPSF VAAIFR FLLFLQGFFHNWTLNPFHMMGVAGILGGALLCAIHGATVENTLFEDESEQSNTFR AFEPTQA EETYSMTANRFWSQIFGIAFSNKRWLHFFMLFVPVTGLWMSSIGIVGLALNLR AYDFVS QELRAAEDPEFETFYTKNILLNEGIRAWMAPQDQPHEKFVFPEEVLPRGNAL
Source	in vitro E.coli expression system
Target Names	psbD1
Protein Names	Recommended name: Photosystem II D2 protein Short name= PSII D2 protein EC= 1.10.3.9 Alternative name(s): Photosystem Q(A) protein
Expression Region	1-352
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.