



# Recombinant *Synechococcus* sp. Photosystem Q (B) protein 1

<b>Product Code</b>	CSB-CF457816FQA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B1XM24
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	<i>Synechococcus</i> sp. (strain ATCC 27264 / PCC 7002 / PR-6) ( <i>Agmenellum quadruplicatum</i> )
<b>Sequence</b>	<p>MTTTLQQRGSASLWEKFCQWITSTENRIYVGWFGVLMIPTLLTATTCFIIAFIAA  PPVDI  DGIREPVAGSLLYGNNIISGAVVPSSNAIGLHFYPIWEAASLDEWLYNGGPYQL  VIFHFL  IGVFCYMGREWELSYRLGMRPWICVAFSAPVAAATAVFLIYPIGQGSFSDGMP  LGISGTF  NFMIVFQAEHNILMHPFHMLGVAGVFGGSLFSAMHGSLVTSSLVRETTETESQ  NYGYKFG  QEEETYNIVAAHGYFGRLIFQYASFNNSRSLHFFLGAWPVVGIWFTALGVSTM  AFNLNGF NFNQSILDSQGRVINTWADILNRANLGFVEMHERNAHNFLDLA</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	psbA1
<b>Protein Names</b>	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
<b>Expression Region</b>	1-344
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Shelf Life</b>	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.