



# Recombinant *Anabaena variabilis* Photosystem Q (B) protein 3 (psbA3)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-CF664714BYN   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | Q3MB78  |
| <b>Product Type</b>      | Transmembrane Protein   |
| <b>Immunogen Species</b> | <i>Anabaena variabilis</i> (strain ATCC 29413 / PCC 7937)   |
| <b>Sequence</b>          | MTTTLQQRSSANVWERFCTWITSTENRIYVGWFGVLMIPTLLAATVCFIIAFVA<br>APPVDI<br>DGIREPVAGSLIYGNNIISGAVVPSSNAIGLHFYPIWEAASLDEWLYNGGPYQL<br>VVFHFL<br>IGCACYLGRQWELSYRLGMRPWICVAYSAPLASATAVFLIYPIGQGSFSDGMP<br>LGISGTF<br>NFMIVFQAEHNILMHPFHMLGVAGVFGGSLFSAMHGSLVTSSLVRETTEVESQ<br>NYGYKFG<br>QEEETYNIVAAHGYFGRLIFQYASFNNSRQLHFFLAAWPVIGIWFTALGVSTMA<br>FNLNGF NFNQSIIDSQGRVINTWADIINRANLGMVMHERNAHNFPDLA |
| <b>Source</b>            | in vitro E.coli expression system   |
| <b>Target Names</b>      | psbA3   |
| <b>Protein Names</b>     | Recommended name: Photosystem Q(B) protein 3 EC= 1.10.3.9 Alternative name(s): 32 kDa thylakoid membrane protein 3 Photosystem II protein D1 3  |
| <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.<br>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.  |