



Recombinant *Synechococcus elongatus* Putative OxPP cycle protein opcA (opcA)

Product Code	CSB-EP681522FPY
Abbreviation	opcA
Storage	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.
Uniprot No.	Q54709
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MTTATPLLSL QKPTPIALAE IEESLSQLWA NQQHSGAGAL VSRAATFSIV VYEPEEFQQI LAALGLYHGH LDGLHGPMTR AAIAQAQTQF GLPSTGRPDS ATFKALRQAY QALKHSPSLT NQDLRGAVLS NVIATQNPCR IVSLCPTLEG DRPISAEVSA YCPITSAKQA SLICCEAVTL RGSQAEMEI GTFVSELLLP GLPRYVWWKA TPNPEQLLFQ QLANSNCMI FDSSYFSDPE AEFLRFQDLI DQETYIADLN WHRLAAWQEL TAAAFDPPER RDGLLEVDQL VIDYEKGNPA QALMYMGWIA SRLGWQPVS Y RCEGGEYDLR QIEFRTEDDR MVKVELAGIP VGDPGLVLGD LIALRLTSEN PDADCCTILC SETTGC MRME AGGGAQSCRT EQVAPPSNET SESLLAMQMQ RWGRDALYEE SLAVIAVALR QRTHA
Source	E.coli
Target Names	opcA
Protein Names	Recommended name: Putative OxPP cycle protein opcA
Expression Region	1-445
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
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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.