



Recombinant *Synechococcus elongatus* Circadian clock protein kaiA (kaiA)

Product Code	CSB-EP751909FPY-B
Abbreviation	kaiA
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.	Q79PF6
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	<p> MLSQIAICIW VESTAILQDC QRALSADRYQ LQVCEGEMLE LEYAQTHRDQ IDCLILVAAN PSFRAVVQQL CFEGVVVPAI VVGDRDSEDP DEPAKEQLYH SAELHLGIHQ LEQLPYQVDA ALAEFLRLAP VETMADHIML MGANHDPELS SQQRDLAQRL QERLGYLGVY YKRDPPDRFLR NLPAYESQKL HQAMQTSYRE IVLSYFSPNS NLNQSIDNFV NMAFFADVVP TKVVEIHMEL MDEFKLLRV EGRSEDILLD YRLTLIDVIA HLCEMYRRSI PRET </p>
Source	E.coli
Target Names	kaiA
Protein Names	Recommended name: Circadian clock protein kaiA
Expression Region	1-284
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.