



Recombinant *Synechococcus elongatus* Tyrosine recombinase XerC (xerC)

Product Code	CSB-EP809232FPY
Abbreviation	xerC
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.	Q8KUV2
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	≥85% (SDS-PAGE)
Sequence	MTEAIAVVES RAIAPVQDWD VLQMLLEDHR SPNTRRAYDR DLRLFFAWWL DEDPHPEAIA YWLSLPQSEA IAVVLRWKAS MRDRGLAEAT INRRLAALKS LVRFSRRLGR CTFSLQVKG DRVQSYRDTT GTPPERFREL LALPNRQTAK GARDYAILRL LWENALRRSE AVQTRVQDLE QGDRRLWILG KGKGRQRLPV SLSVEMVQAL QDWLRWHPKA EPEQLFTAL DRRSYGQQLS DQAVYLLVKR SAEAIKLGKR LSPHRIRHSA ITAALDATGG NIRLVQKLSR HSRLETLQRY DDARQDFQGE CTEHLAKLLG
Source	E.coli
Target Names	Synpcc7942_B2651
Protein Names	Recommended name: Tyrosine recombinase XerC
Expression Region	1-320
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.