



Recombinant *Synechococcus elongatus* DNA repair protein recO (recO)

Product Code	CSB-EP653935FPY-B
Abbreviation	recO
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.	Q31PK5
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MSRTYTTTAL VLKATPLGEA DRLLTLLSPD QGLLRVVATG ARKPRSKLGG RTALFVVGDC LIACGKSLDR LQQVETLTSH TALSGDLARL AAAQYLTELV LAQALERHPQ PELFALLCRD LARIETQSGE EVLPYLLQST WQLLAWAGWA PQTHYCCLTQ QAVQPRLEQS RWRVRYSPSL GGVLADTAAY QRRPNQRELL LTATELAALQ QIPTSQTVLP LASLPREAWQ MLERALRHS A EYHLERPLQS ALLLETLLTG SHVASV
Source	E.coli
Target Names	recO
Protein Names	Recommended name: DNA repair protein recO Alternative name(s): Recombination protein O
Expression Region	1-266
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.