



Recombinant *Pseudomonas aeruginosa* Protein RecA (recA)

Product Code	CSB-EP312618PUC
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q02R89
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas aeruginosa</i> (strain UCBPP-PA14)
Purity	>85% (SDS-PAGE)
Sequence	MDENKKRALA AALGQIERQF GKGAVMRMGD HERQAIP AIS TGS LG LDIAL GIGGLPKGRI VEIYGPESSG KTTLTLSVIA EAQKQGATCA FVDAEHALDP DYAGKLG VNV DDLLVSQPD T GEQALEITDM LVRSNAVDVI IVDSVAALVP KAEIEGEMGD AHVGLQARLM SQALRKITGN IKNANCLVIF INQIRMKIGV MFGNPETTTG GNALKFYASV RLDIRRTGAV KEGDEVVGSE TRVKVVK NKV SPPFRQAEFQ ILYGKGIYRT GEIIDLGVQL GLVEKSGAWY SYQGSKIGQG KANA KYLED NPEIGSVLEK TIRDQLLAKS GPVKADAE EV ADAEAD
Source	E.coli
Target Names	recA
Protein Names	Recommended name: Protein RecA Alternative name(s): Recombinase A
Expression Region	1-346
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.