



Recombinant *Synechococcus elongatus* RNA polymerase sigma factor rpoD1 (rpoD1)

Product Code	CSB-MP334355FPY
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.	P38023
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	MTQLISIDKE QEEAGMTQAT ELLDPALKPA ETKAKRSSRK KATTAVVEPA TTIAPTADV AIDDEDSVGE DEDAAAKAKA KVRKTYTEDS IRLYLQEIGR IRLLRADEEI ELARQIADLL ALERIRDELL EQLDRLPSDA EWAAAVDSPL DEFRRRLFRG RRAKDKMVQS NLRLVVSIAK KYMNRGLSFQ DLIQEGSLGL IRAAEKFDHE KGYKFSTYAT WWIRQAITRA IADQSRTIRL PVHLYETISR IKKTTKLLSQ EMGRKPTEEE IATRMEMTIE KLRFIKSAQ LPISLETPIG KEEDSRLGDF IEADGETPED EVAKNLLRED LEGVLSTLSP RERDVLRLRY GLDDGRMKTL EEIGQLFNVT RERIRQIEAK ALRKL RHPNR NSILKEYIR
Source	Mammalian cell
Target Names	sigA1
Protein Names	Recommended name: RNA polymerase sigma factor rpoD1
Expression Region	1-399
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.