



Recombinant *Synechococcus elongatus* RNA polymerase sigma factor rpoD4 (rpoD4)

Product Code	CSB-EP658122FPY-B
Abbreviation	rpoD4
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.	Q31QR8
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	≥85% (SDS-PAGE)
Sequence	MNVQERRNLN AAVERTSDH VSWYLSSIGR IPLLTAEIEEV ELSRKVQLMM ALLENPDAES NSENQAVLQA GQRAKTKMLK ANLRLVVSVA KKYQNQGLEL LDLIQEGSLG LERAVEKFDP ALGYKFSTYA YWWIRQSMTR AIDNHARTIR LPIHVSEKIS RIKKMTRELT HQLKRLPSRA EIAEALKLPL QDVEMLLSQS TPCTSLDAQA RGDDGRSFLG DLIPDPKSLE PMDAMDRHIQ HEQISTWLAH LTEREQQVLQ LRFGLHDGEQ HTLAEIGRRL NVSRERIRQV EARALQKLRV LSQQPLCPEA C
Source	E.coli
Target Names	sigA4
Protein Names	Recommended name: RNA polymerase sigma factor rpoD4
Expression Region	1-311
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.