



Recombinant Bacillus subtilis RNA polymerase sigma factor rpoD (sigA)

Product Code	CSB-EP361751BRJ-B
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.	P06224
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	≥85% (SDS-PAGE)
Sequence	MADKQTHETE LTFDQVKEQL TESGKKRGVL TYEEIAERMS SFEIESDQMD EYYEFLGEQG VELISENEET EDPNIQQLAK AEEFIDLNDL SVPPGVKIND PVRMYLKEIG RVNLLSAKEE IAYAQKIEEG DEESKRRLAE ANLRLVVSIA KRYVGRGMLF LDLIQEGNMG LMKAVEKFDY RKG YKFSTYA TWWIRQAITR AIADQARTIR IPVH MVETIN KLIRVQRQLL QDLGREPTPE EIAEDMDLTP EKVREILKIA QEPVSLETPI GEEDDSHLGD FIEDQEATSP SDHAAYELLK EQLEDVLDLTDREENVLRL RFGLDDGRTR TLEEVGKVFG VTRERIRQIE AKALRKLRHP SRSKRLKDFL E
Source	E.coli
Target Names	sigA
Protein Names	Recommended name: RNA polymerase sigma factor rpoD Alternative name(s): Sigma-43 Sigma-A
Expression Region	1-371
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.