



# Recombinant Escherichia coli RNA polymerase sigma factor rpoD (rpoD)

<b>Product Code</b>	CSB-MP360419ENV
<b>Storage</b>	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.
<b>Uniprot No.</b>	P00579
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEQNPQSQLK LLVTRGKEQG YLTYAEVNDH LPEDIVSDQ IEDIIQMIND MGIQVMEEAP DADDLMLAEN TADEDAAEAA AQLSSVESE IGRTTDPVRM YMREMGTVEL LTREGEIDIA KRIEDGINQV QCSVAEYPEA ITYLLEQYDR VEAEEARLSD LITGFVDPNA EEDLAPTATH VGSELSQEDL DDEDEDEED GDDDSADDDN SIDPELAREK FAELRAQYVV TRDTIKAKGR SHATAQEEIL KLSEVFKQFR LVPKQFDYLV NSMRVMMDRV RTQERLIMKL CVEQCKMPKK NFITLFTGNE TSDTWFNAAI AMNKPWSEKL HDVSEEVHRA LQKLQQIEEE TGLTIEQVKD INRRMSIGEA KARRAKKEMV EANLRLVISI AKKYTNRGLQ FLDLIQEGNI GLMKAVDKFE YRRGYKFSTY ATWWIRQAIT RSIADQARTI RIPVHMIETI NKLNRISRQM LQEMGREPTP EELAERMLMP EDKIRKVLKI AKEPISMETP IGDDEDSHLG DFIEDTTLEL PLDSATTESL RAATHDVLG LTAREAKVLR MRFGIDMNTD YTLEEVGKQF DVTRERIRQI EAKALRKL RH PSRSEVLRSF LDD
<b>Source</b>	Mammalian cell
<b>Target Names</b>	rpoD
<b>Protein Names</b>	Recommended name: RNA polymerase sigma factor rpoD Alternative name(s): Sigma-70
<b>Expression Region</b>	1-613
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.