



Recombinant Thiobacillus ferrooxidans RNA polymerase sigma-54 factor (rpoN)

Product Code	CSB-EP333014TOA
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.	P24695
Product Type	Recombinant Protein
Immunogen Species	Acidithiobacillus ferrooxidans (Thiobacillus ferrooxidans)
Purity	≥85% (SDS-PAGE)
Sequence	MKQGLELKLKLG QHLAMTPQLQ QAIRLLQLST VDLQQEVQGM LESNPLLDEE TGDEGGGGPI PETVELPSEE RQLDLAAENI LPDELVPVDSQ WDDIFDMGTS GSGNGSDEDL PDFESRNSRT QSLQDYLRWQ ADMTHFTADE RNMAELIIDA IDERGYLADS LEDLAATMNV QEDALLAVLL RVQDFDPPGV GARNLSECLL LQLKQMVEKD DAHVLLAQRI VKDHLQALGR HDYPRLCTVL GVDEAALRAA MALISALNPK PGEDVGTEST EYVIPDVIVR WAGSRLRTDL NPEAMPKLRI NRHYADMAGG KDAAHKYIQD QLNEARWFIK SLQSRQDTIL KVARAIVERQ KDFFANGPES MRPMVLRHIA DAVEMHESTV SRVTNQKYMI TPRGLYEFKY FFSSHVGTDS GGSASATAIR ALLIKMTQAE DAQHPLSDAE IARVLADQGI QIARRTVAKY REAANVPPAS QRRRL
Source	E.coli
Target Names	rpoN
Protein Names	Recommended name: RNA polymerase sigma-54 factor
Expression Region	1-475
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.