



Recombinant DNA topoisomerase 4 subunit A (parC)

Product Code	CSB-EP365302EOD
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.	P0AFI3
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MSDMAERLAL HEFTENAYLN YSMYVIMDRA LPFIGDGLKP VQRRIVYAMS ELGLNASAKF KKSARTVGDV LGKYHPHGDS ACYEAMVLMA QPFSYRYPLV DGQGNWGAPD DPKSFAAMRY TESRLSKYSE LLLSELGQGT ADWVPNFDGT LQEPKMLPAR LPNILLNGTT GIAVGMATDI PPHNLREVAQ AAIALIDQPK TTLDQLLDIV QGPDYPTAE IITSRAEIRK IYENGRGSVR MRVWKKEDG AVVISALPHQ VSGARVLEQI AAQMRNKKLP MVDDLRLDESD HENPTRLVIV PRSNRVDMDQ VMNHLFATTD LEKSYRINLN MIGLDGRPAV KNLLEILSEW LVFRRDTVRR RLNYRLEKVL KRLHILEGLL VAFLNIDEVI EIIRNEDEPK PALMSRFGLT ETQAEAIEL KLRHLAKLEE MKIRGEQSEL EKERDQLQGI LASERKMNNL LKKEIQADAQ AYGDRRSPL QEREEAKAMS EHDMLPSEPV TIVLSQMGWV RSAKGHDIDA PGLNYKAGDS FKAAVKGSN QPVFVDSTG RSYAIDPITL PSARGQGEPL TGKLTLP PGA TVDHMLMESD DQKLLMASDA GYGFVCTFND LVARNRAGKA LITLPENAHV MPPVVIEDAS DMLLAITQAG RMLMFPVSDL PQLSKGKGNK IINIPSAEAA RGEDGLAQLY VLPPQSTLTI HVGKRKIKLR PEELQKVTGE RGRRGTLMRG LQRIDRVEID SPRASSGDS EE
Source	E.coli
Target Names	parC
Protein Names	Recommended name: DNA topoisomerase 4 subunit A EC= 5.99.1.- Alternative name(s): Topoisomerase IV subunit A
Expression Region	1-752
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.