



Recombinant Escherichia coli DNA topoisomerase 4 subunit B (parE)

Product Code	CSB-MP322590ENV
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.	P20083
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MTQTYNADAI EVLTGLEPVR RRPGRMYTDTT RPNHLGQEVI DNSVDEALAG HAKRVDVILH ADQSLEVIDD GRGMPVDIHP EEGVPAVELI LCRLHAGGKF SNKNYQFSGG LHGVGISVFN ALSKRVEVNV RRDGQVYNIA FENGEKVQDL QVVGTCGKRN TGTSVHFVWPD ETTFFDSPRFS VSRLTHVLKA KAVLCPGVEI TFKDEINTE QRWCYQDGLN DYLAEAVNGL PTLPEKPFIF NFAGDTEAVD WALLWLPEGG ELLTESYVNL IPTMQGGTHV NGLRQGLLDA MREFCEYRNI LPRGVKLSAE DIWDRCAAYVL SVKMQDPQFA GQTKERLSSR QCAAFVSGVV KDAFILWLNQ NVQAAELLAE MAISSAQRRM RAAKKVVRKK LTSGPALPGK LADCTAQDLN RTELFLVEGD SAGGSAKQAR DREYQAIMPL KGKILNTWEV SSDEVLASQE VHDISVAIGI DPDSDDLSQL RYGKICILAD ADSDGLHIAT LLCALFVKHF RALVKHGHVY VALPPLYRID LGKEVYYALT EEEKEGVLEQ LKRKKGKPNV QRFKGLGEMN PMQLRETTLD PNTRRLVQLT IDDEDDQRTD AMMDMLLAKK RSEDRRNWLQ EKGDMAEIEV
Source	Mammalian cell
Target Names	parE
Protein Names	Recommended name: DNA topoisomerase 4 subunit B EC= 5.99.1.- Alternative name(s): Topoisomerase IV subunit B
Expression Region	1-630
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,



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