



Recombinant Escherichia coli DNA topoisomerase 3 (topB)

Product Code	CSB-EP321226ENV
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.	P14294
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MRLFIAEKPS LARAIADVLP KPHRKGDFI ECGNGQVVTW CIGHLLEQAQ PDAYDSRYAR WNLADLPIVP EKWQLQPRPS VTKQLNVIKR FLHEASEIVH AGDPDREGQL LVDEVLDYLQ LAPEKRQQVQ RCLINDLNPQ AVERAIDRLR SNSEFVPLCV SALARARADW LYGINMTRAY TILGRNAGYQ GVLSVGRVQT PVLGLVVRD EEIENFVAKD FFEVKAHIVT PADERFTAIW QPSEACEPYQ DEEGRLLHRP LAEHVVRIS GQPAIVTSYN DKRESESAPL PFSLSALQIE AAKRFGLSAQ NVLDICQKLY ETHKLITYPR SDCRYLPEEH FAGRHVMNA ISVHAPDLLP QPVVDPDIRN RCWDDKKVDA HHAIPTARS SAINLTENEA KVYNLIARQY LMQFCPDAVF RKCVELDIA KGKFAKARF LAEAGWRTLL GSKERDEEND GTPLPVVAKG DELLCEKGEV VERQTQPPRH FTDATLLSAM TGIARFVQDK DLKKILRATD GLGTEATRAG IIELLFKRGF LTKKGRIHS TDAGKALFHS LPEMATRPDM TAHWESVLTQ ISEKQCRYQD FMQPLVGTLY QLIDQAKRTP VRQFRGIVAP GSGGSADKKK AAPRKRSACK SPPADEVGS AIA
Source	E.coli
Target Names	topB
Protein Names	Recommended name: DNA topoisomerase 3 EC= 5.99.1.2 Alternative name(s): DNA topoisomerase III
Expression Region	1-653
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.