DNA topoisomerase 1 (TOP1) Recombinant Protein | TOP1 recombinant protein

Recombinant Human DNA topoisomerase 1 (TOP1)

CATALOG #	HOST
AAA113708	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

DNA topoisomerase 1 (TOP1); Recombinant Human DNA topoisomerase 1 (TOP1); TOP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-765aa; Full Length of Mature Protein
Sequence	SGDHLHNDSQ IEADFRLNDS HKHKDKHKDR EHRHKEHKKE KDREKSKHSN SEHKDSEKKH KEKEKTKHKD GSSEKHKDKH KDRDKEKRKE EKVRASGDAK IKKEKENGFS SPPQIKDEPE DDGYFVPPKE DIKPLKRPRD EDDADYKPKK IKTEDTKKEK KRKLEEEEDG KLKKPKNKDK DKKVPEPDNK KKKPKKEEEQ KWKWWEEERY PEGIKWKFLE HKGPVFAPPY EPLPENVKFY YDGKVMKLSP KAEEVATFFA KMLDHEYTTK EIFRKNFFKD WRKEMTNEEK NIITNLSKCD FTQMSQYFKA QTEARKQMSK EEKLKIKEEN EKLLKEYGFC IMDNHKERIA NFKIEPPGLF RGRGNHPKMG MLKRRIMPED IIINCSKDAK VPSPPPGHKW KEVRHDNKVT WLVSWTENIQ GSIKYIMLNP SSRIKGEKDW QKYETARRLK KCVDKIRNQY REDWKSKEMK VRQRAVALYF IDKLALRAGN EKEEGETADT VGCCSLRVEH INLHPELDGQ EYVVEFDFLG KDSIRYYNKV PVEKRVFKNL QLFMENKQPE DDLFDRLNTG ILNKHLQDLM EGLTAKVFRT YNASITLQQQ LKELTAPDEN IPAKILSYNR ANRAVAILCN HQRAPPKTFE KSMMNLQTKI DAKKEQLADA RRDLKSAKAD AKVMKDAKTK KVVESKKKAV QRLEEQLMKL EVQATDREEN KQIALGTSKL NYLDPRITVA WCKKWGVPIE KIYNKTQREK FAWAIDMADE DYEF
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for TOP1 recombinant protein	This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus altering the topology of DNA. This gene is localized to chromosome 20 and has pseudogenes which reside on chromosomes 1 and 22.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11225260
NCBI GeneID	7150
NCBI Accession #	NP_003277.1
NCBI GenBank Nucleotide #	NM_003286.3
UniProt Accession #	P11387; O43256; Q12855; Q12856; Q15610; Q5TFY3; Q9UJN0; A8KA78; E1P5W3
Molecular Weight	90,726 Da
NCBI Official Full Name	DNA topoisomerase 1

NCBI Official Synonym Full Names	DNA topoisomerase I
NCBI Official Symbol	TOP1
NCBI Official Synonym Symbols	TOPI
NCBI Protein Information	DNA topoisomerase 1
UniProt Protein Name	DNA topoisomerase 1
UniProt Gene Name	**TOP1**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/top1-recombinant-protein-e-coli/113708