

DNA topoisomerase

Cat. No. EXWM-5637

Lot. No. (See product label)

Introduction

Description

These enzymes bring about the conversion of one topological isomer of DNA into another, e.g., the relaxation of superhelical turns in DNA, the interconversion of simple and knotted rings of single-stranded DNA, and the intertwisting of single-stranded rings of complementary sequences, cf. EC 5.99.1.3 DNA topoisomerase (ATP-hydrolysing).

Synonyms

type I DNA topoisomerase; untwisting enzyme; relaxing enzyme; nicking-closing enzyme; swivelase; ω -protein; deoxyribonuclease topoisomerase; topoisomerase; type I DNA topoisomerase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 5.99.1.2

CAS No.

80449-01-0

Reaction

ATP-independent breakage of single-stranded DNA, followed by passage and rejoining

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.