

## 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.