

## DNA topoisomerase (ATP-hydrolysing)

Cat. No. EXWM-5638

Lot. No. (See product label)

### Introduction

**Description** The enzyme can introduce negative superhelical turns into double-stranded circular DNA. One unit has nicking-closing activity, and another catalyses super-twisting and hydrolysis of ATP (cf. EC 5.99.1.2 DNA topoisomerase).

**Synonyms** type II DNA topoisomerase; DNA-gyrase; deoxyribonuclease topoisomerase; deoxyribonucleic topoisomerase; topoisomerase; DNA topoisomerase II;

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 5.99.1.3

**CAS No.** 142805-56-9

**Reaction** ATP-dependent breakage, passage and rejoining of double-stranded DNA

**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.