

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.