Creative Enzymes®

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; deoxyribonucleate 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.