Creative Enzymes®

Topoisomerase I from Mycobacterium tuberculosis, Recombinant

Cat. No. NATE-3205

Lot. No. (See product label)

Introduction

Description	Topoisomerases are nuclear enzymes that play essential roles in DNA replication, transcription, chromosome segregation, and recombination. All cells have two major forms of topoisomerases: type I, which makes single-stranded cuts in DNA, and type II enzymes, which cut and pass double-stranded DNA. The enzyme is supplied with Assay Buffer (5X concentration) and Dilution Buffer (1X).

Product Information

Species	Mycobacterium tuberculosis
Source	E.coli
Form	Liquid
EC Number	EC 5.99.1.2
CAS No.	80449-01-0
Unit Definition	1 U of topo I will relax 0.5 μg of supercoiled pBR322 DNA in 30 minutes at 37 °C.

Storage and Shipping Information

Storage	at -80°C