

## Topoisomerase I from Human, Recombinant

Cat. No. NATE-1340

Lot. No. (See product label)

### Introduction

**Description** Topoisomerase I relaxes supercoiled DNA molecules. The enzyme initiates transient breakages and rejoins of phosphodiester bonds in superhelical turns of closed-circular DNA. Enzyme activity is independent of right-and left-handed superhelices.

**Synonyms** Topoisomerase I; EC 5.99.1.2; type I DNA topoisomerase; untwisting enzyme; relaxing enzyme; nicking-closing enzyme; swivelase;  $\omega$ -protein; deoxyribonuclease topoisomerase; topoisomerase; type I DNA topoisomerase; DNA topoisomerase; TOPO I

### Product Information

**Species** Human

**Source** Baculovirus-infected insect cells (*Spodoptera frugiperda*)

**Concentration** 10 U/ $\mu$ l

### Storage and Shipping Information

**Storage** Store at -80°C. It is recommended that the enzyme is aliquoted to avoid repeated freeze-thaw cycles.

**Stability** Stable for 3 months undiluted