

# Enzymax, LLC

870 Corporate Drive, suite 201  
Lexington, KY 40503

# Product Information

**Product Name:** TOPO I, human  
**Catalog #:** 31  
**Size:** 10 µg  
**Price:** \$250

**Order:** [info@enzymax.net](mailto:info@enzymax.net)  
**Tel:** 859-219-8482  
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**Product:** Human Topoisomerase I  
Enzyme activity tested

### Product Description:

Topoisomerase I is an enzyme involved in regulation of DNA supercoiling. Type I topoisomerase cleaves one strand of double-stranded DNA, relieving topological constraint of the DNA. Subsequently, the cleaved DNA strand is religated by topoisomerase I.

**Source:** Recombinant full length human Topoisomerase I expressed in Baculovirus.

**Molecular Weight:** 100 kDa

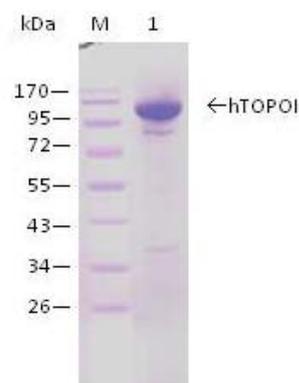
### Presentation:

Purified human TOPO I protein in 50 mM Tris-HCl, (pH7.8), 150 mM NaCl, and 10% glycerol.

### Storage:

Stable for 2 years at -70°C from date of shipment. Aliquot to avoid repeated freezing and thawing.

### SDS-PAGE analysis:



**Human Topoisomerase I Purification (15% PAGE Gel)**  
Lane M: Protein Marker  
Lane 1: Purified human TOPO I

**Purified human TOPO I protein.** The protein (250 ng) was analyzed by electrophoresis on a 15% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The arrowhead indicates the TOPO I protein band whose identity was confirmed by Western blot analysis. Protein size markers are indicated on the left.