

DNA Topoisomerase-I Human Recombinant

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| Item Number | rAP-1220 |
| Synonyms | DNA topoisomerase 1, EC 5.99.1.2, DNA topoisomerase I, TOP1, Scl-70. |
| Description | DNA Topoisomerase-I Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a molecular mass of 91,576 Dalton (excluding glycosilation) 102 kDa total mass. The TOP1 is expressed with a -6xHis tag and purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | P11387 |
| Amino Acid Sequence | |
| Source | Sf9 insect cells. |
| Physical Appearance and Stability | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. &Store, frozen at -20°C for longer periods of time. &Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | TOP1 is supplied in 16mM HEPES buffer pH-7.5, 400mM sodium chloride, and 20% glycerol. Greater than 95% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**