

Recombinant Human TOP1 protein, His-tagged

Cat. No. TOP1-351H Lot. No. (See product label)

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
Form	Sterile Filtered clear solution. Supplied in 16mM HEPES buffer pH-7.5, 400mM sodium chloride, and 20% glycerol.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks.Store, frozen at -20 centigrade for longer periods of time.Avoid multiple freeze-thaw cycles.

GENE INFORMATION

Gene Name	TOP1 topoisomerase (DNA) I [Homo sapiens]
Official Symbol	TOP1
Synonyms	TOP1; topoisomerase (DNA) I; DNA topoisomerase 1; type I DNA topoisomerase; TOPI;

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Gene ID	7150
mRNA Refseq	NM_003286
Protein Refseq	NP_003277
MIM	126420
UniProt ID	P11387
Chromosome Location	20q12-q13.1
Pathway	Caspase cascade in apoptosis, organism-specific biosystem;
Function	ATP binding; DNA binding; DNA topoisomerase (ATP-hydrolyzing) activity; DNA topoisomerase type I activity; chromatin DNA binding; chromatin binding; nucleotide binding; protein binding;

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