

## Product datasheet for **TP761924**

### Topoisomerase I (TOP1) (NM\_003286) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human topoisomerase (DNA) I (TOP1), Lys93-Lys151, with N-terminal His-ABP tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Lys93-Lys151) of TOP1
Tag:	N-His-ABP (Albumin-Binding Protein)
Predicted MW:	21.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_003277</a>
Locus ID:	7150
UniProt ID:	<a href="#">P11387</a> , <a href="#">Q9BVT2</a>
RefSeq Size:	3734
Cytogenetics:	20q12
RefSeq ORF:	2295
Synonyms:	TOPI



[View online »](#)

**Summary:**

This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus altering the topology of DNA. This gene is localized to chromosome 20 and has pseudogenes which reside on chromosomes 1 and 22. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Product images:**