

Product datasheet for **SC213049**

Topoisomerase I (TOP1) (NM_003286) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Topoisomerase I (TOP1) (NM_003286) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: TOP1
Synonyms: TOPI
ACCN: NM_003286
Insert Size: 1220 bp
Insert Sequence: >SC213049 3'UTR clone of NM_003286
The sequence shown below is from the reference sequence of NM_003286. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACATGGCTGATGAAGACTATGAGTTTTAGCCAGTCTCAAGAGGCAGAGTCTGTGAAGAGGAACAGTG
TGGTTTTGGAAAGATGGATAAACTGAGCCTCACTTGCCCTCGTGCCTGGGGGAGAGAGGCAGCAAGTCT
TAACAAACCAACATCTTTGCGAAAAGATAAACCTGGAGATATTATAAGGGAGAGCTGAGCCAGTTGTCC
TATGGACAACCTTATTTAAAAATATTTTCAGATATCAAAATTCTAGCTGTATGATTTGTTTTGAATTTTGT
TTTTATTTTCAAGAGGGCAAGTGGATGGGAATTTGTCAGCGTTCTACCAGGCAAATTCAGTGTTCCTACT
GAAATGTTTGATTCTCTTAGCTACTGTATGCAAAGTCCGATTATATTGGTGCCTTTTTACAGTTAGGG
TTTTGCAATAACTTCTATATTTAATAGAAATAAATTCCTAAACTCCCTCCCTCTCCCATTTTCAGG
AATTTAAATTAAGTAGAACAAAAACCCAGCGCACCTGTTAGAGTCGTCAGTCTCTATTGTCATGGGG
ATCAATTTTCATTAACCTTGAAGCAGTCGTGGCTTTGGCAGTGTTTTGGTTCAGACACCTGTTACAGAA
AAAAGCATGATGGGAAAATATTTCTGACTTGAGTGTTCCTTTTTAAATGTGAATTTTTATTTCTTTTT
AATTTTTTAAAAATATTTAAACCTTTTTCTTGATCTTAAAGATCGTGTAGATTGGGGTGGGGAGGGAT
GAAGGGCGAGTGAATCTAAGGATAATGAAATAATCAGTGAAGTAAACATTTTCCCATCATCCTTTGTT
CTGAGCATTTCGCTGTACCCTTTAAGATATCCATCTTTTTCTTTTTAACCTAATCTTTCACTTGAAGA
TTTTATTGTATAAAAAAGTTTACAGGTCAATAAACTTAGAGGAAAATGAGTATTTGGTCCAAAAAAGG
AAAAATAATCAAGATTTTAGGGCTTTTTTTTTCTTTTGTAAATTGTGTAATAAATGGAAAAAACATA
AAAAGCAGAAATTTAATGTGAAGACATTTTTGTCTATAATCATTAGTTTTAGAGGCATTGTTAGTTTAG
TGTGTGTCAGAGTCCATTTCCACATCTTTCTCAAGTATCTTCTATTTTTATCATGAATTCCTTTT
AATCAACTGTAGGTTATTTAAAAATAAATTCCTACAACCTTAATGGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online >](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_003286.4</u>
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]
Locus ID:	7150
MW:	47.8