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## **Rat TOP1 ORF Clone in Cloning Vector**

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Quantity:	1 μg
Gene:	Topoisomerase I (TOP1)
Species:	Rat
Insert:	ORF
Vector:	Cloning Vector
Application:	Cloning (Clon)

#### **Product Details**

Purpose:	ORF Cloning-Vector holds the gene between an AfIII and EcoRV cut site.
Insert Length:	2304 bp
Vector Backbone:	pORF
Bacterial Resistance:	Spectinomycin
Expression Type:	Transient
Sequencing Primer:	M13 FP: 5'-CCCAGTCACGACGTTGTAAAACG-3' M13 RP: 5'-CAGGAAACAGCTATGAC-3'

### **Target Details**

Gene:	Topoisomerase I (TOP1)
Alternative Name:	Top1 (TOP1 Products)
Target Type:	Viral Protein
NCBI Accession:	NM_022615

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	10 mM Tris-HCI, 1 mM EDTA, pH 8.0	
Storage:	-20 °C	
Storage Comment:	1 year when stored at -20°C or lower in a non-frost free freezer.	
Publications		
Product cited in:	Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (	
	1991)	