

## Product datasheet for **RR206407**

### Top1 (NM\_022615) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Top1 (NM_022615) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Top1
Synonyms:	Ab2-086
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide  
Sequence:**

>RR206407 representing NM\_022615  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCGGGGACCATCTCCACAACGACTCCAGATCGAAGCGGATTTCCGATTGAATGATTCTCATAAAC  
 ACAAGATAAACACAAAGATCGAGAACACCGGCATAAGGAGCACAGAAGGATAAGGATAAGGACCGGGA  
 AAAGTCTAAACATAGCAACAGTGAACATAAAGATTCTGAAAAGAAAACACAAAGAGAAAAGAGAAAACAAA  
 CACAAAGATGGAAGCTCAGACAAACATAAAGACAAACATAAAGACAGAGACAAGGAAAAACGAAAGGAGG  
 AAAAGATTAGAGCTGCTGGGGATGCAAAAATAAAGAAGGAGAAGGAAAATGGCTTCTCTAGTCCACCACG  
 AATTAAGACGAGCCTGAAGATGATGGCTATTTTGTCTCCAAAAGAGGATATAAGCCACTGAAGAGG  
 CCTCGGGATGAAGATGATGCTGATTATAAGCCTAAGAAAATTAAGACAGAAGATATCAAGAAGGAGAAGA  
 AACGAAAACAGAGAAGAGGATGGCAAACCTAAAAAGCCCAAGAATAAAGATAAAGATAAAAAAGT  
 TGCTGAGCCAGATAATAAGAAGAAGAAGCGAAAAAGGAAGGAGCAGAAAGTGGAAATGGTGGGAAGAA  
 GAACGCTATCCAGAAGGCATCAAGTGGAAATTCCTAGAACATAAAGGGCCTGTTTTCGCTCCACCGTATG  
 AGCCTCTGCCAGAGGGTGTCAAGTTTTACTATGATGGTAAAGTTATGAAGCTGAGTCCCAAAGCAGAAGA  
 AGTAGCTACATTTTGGCAAAAATGCTTGACCATGAATATACTACTAAGGAAATATTCAGGAAAAATTTT  
 TTTAAAGACTGGAGAAAGGAAATGACTAATGATGAAAAAATACGATTACCAACCTAAGCAATGCGACT  
 TTACACAGATGAGCCAGTACTTCAAAGCTCAATCAGAAGCTCGGAAACAGATGAGCAAGGAAGAAAAAT  
 GAAAATCAAAGAAGAAAATGAAAATTTATTGAAAGAATATGGCTTTTGTGAATGGATAATCATAGAGAG  
 CGGATTGCCAACTTCAAGATAGAGCCTCCAGGGCTCTCCGAGGCCGTGGCAACCACCCCAAGTGGTA  
 TGCTGAAGAGAAGGATCATGCCCTGAGGACATCATCAACTGTAGCAAAGATGCCAAGGTTCTCTTCTCC  
 TCCTCCTGGACATAAATGGAAGGAAGTTCGACATGATAACAAGGTTACTTGGCTGGTCTCCTGGACAGAG  
 AATATCCAAGGTTCTATCAAATATATCATGCTGAATCCAGTTCACGAATCAAGGGTGAAGAAAGACTGGC  
 AGAAGTATGAGACTGCTCGGCGACTGAAGAAGTGTGTGGACAAGATCCGAAATCAGTATCGGGAAGACTG  
 GAAGTCCAAGAAATGAAAGTTCGGCAGAGAGCTGTAGCACTGTACTTATTGATAAGCTTGTCTGAGA  
 GCAGGCAATGAGAAGGAAGGAGAGACAGCAGACACTGTGGTTGCTGTTCACTTAGAGTGGAAACACA  
 TCAATCTACACCCAGAATTGGATGGTCAAGGACGTTGTTGAGTGGGTTTACTTTCTGGGAAGGACTCAAT  
 CAGATACTACAACAAAGTCCAGTTGAGAAACGAGTTTTTAAAAACTTACAATATTTATGGAGAACAAG  
 CAGCCTGAGGATGATCTTTTGTGCTGACTTAATACTGGTATTCTAAATAAGCATCTTCAAGATCTCATGG  
 AGGGCTTGACTGCCAAGGTGTTCCGTACCTACAATGCCTCCATCACGCTGCAGCAGCAGCTTAAAGAGCT  
 CACAGCCCTGATGAGAATGTACCAGCAAAGATTCTATCTTATAACCGTGCCAATCGCGCTGTTGCAATT  
 CTTTGTAAACCACCAGAGGGCGCCACAAAGACCTTTGAGAAGTCAATGATGAACTTGCACTAAGATTG  
 ATGCCAAGAAAGATCAGCTAGCAGATGCTCGAAAGGACCTGAAAAGCGCTAAGGCTGATGCCAAAGTCAT  
 GAAGGATGCAAAGACCAAGAAGGTAGTAGAGTCAAAAAGAAAGGCTGTACAGAGATTAGAAGAGCAGCTG  
 ATGAAGCTGGAGGTTCAAGCCACAGACCGAGAGGAGAACAACAATGCCTTGGGGACCTCCAAACTCA  
 ATTACCTGGACCCTAGGATCACAGTGGCTTGGTGCAAAAATGGGGGTCCCAATCGAGAAGATTTACAA  
 CAAAACCCAGAGAGAAGTTTGGTGGCCATTGATATGACTGATGAGGACTACGAGTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_022615.1](#), [NP\\_072137.1](#)

**RefSeq Size:** 2304 bp

**RefSeq ORF:** 2304 bp

**Locus ID:** 64550

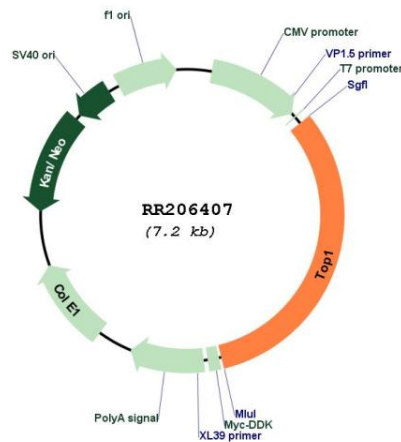
**UniProt ID:** [Q9WUL0](#)

**Cytogenetics:** 3q42

**MW:** 90.8 kDa

**Gene Summary:** human homolog catalyzes the transient breakage and rejoining of DNA; plays a role in nucleotide excision repair [RGD, Feb 2006]

### Product images:



Circular map for RR206407