

## Product datasheet for **RN202496**

### Rela (NM\_199267) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rela (NM_199267) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rela
Synonyms:	NFkB; nos2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202496 representing NM\_199267  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACGATCTGTTTCCCCTCATCTTTCCCTCAGAGCCAGCCAGGCTTCTGGGCCATATGTGGAGATCA  
 TTGAGCAGCCCAAGCAGCGGGGCATGCGTTTCCGTTACAAGTGCAGGGCCGCTCTGCAGGCAGTATTCC  
 TGGGGAGAGAAGCACAGATAACCTAAGACGCACCCACCATCAAGATCAATGGCTACACGGGACCAGGA  
 ACAGTTCGAATCTCCCTGGTCACCAAAGACCCACCTCACCGCCTCATCCACATGAACCTGTGGGAAGG  
 ACTGCCGGGATGGCTTCTATGAGGCTGAACTCTGCCAGACCGATGCATCCACAGCTTCCAGAACCTGGG  
 GATCCAGTGTGTGAAGAAGCGAGACCTGGAGCAAGCCATTAGCCAGCGCATCCAGACCAACAATAACCCC  
 TTTCAAGTCCCATAGAGGAGCAGCGCGGGGACTATGACTTGAATGCGGTCCGCCTCTGCTCCAGGTGA  
 CAGTGCGGGACCATCAGGCAGGCCCTCCGCCTGACCCCTGTCTCTCGCATCCGATTTTTGATAACCG  
 TGCCCCAACACTGCCGAGCTCAAGATCTGCCGAGTAAACCGGAACTCTGGGAGCTGCCTTGGTGGGGAT  
 GAGATCTTCTGTGTGTGACAAAGTGCAGAAAGAAGACATTGAGGTGATTTACAGGGGACTGGCTGGG  
 AGGCACGAGGCTCCTTTCTCAAGCCGATGTGCACCGCAAGTGCCATTGTGTTCCGAACCTCCCCATA  
 CGCTGACCCTAGCCTGCAGGCTCCTGTGCGAGTGTCCATGCAGCTTCGGCGGCCTTCTGATCGGGAGCTC  
 AGTGAGCCCATGGAGTTCAGTACTTGCAGACACAGACGATCGCCACCGGATTGAAGAAAAACGCAAAA  
 GGACCTACGAGACCTCAAGAGCATCATGAAGAAGAGTCTTTCAATGGACCAACTGAACCCCGCCTCC  
 ACCCCGACGTATTGCTGTGCCTTCCCGAGGCCAACTTCTGTCCCAAGCCAGCACCCAGCCCTATGCC  
 TTTTCAACATCCCTCAGCACCATCAACTTTGATGAGTTTTCCCCATGGTGTACCACCTGGGCAGATCT  
 CAAACCAGGCCTTGGCCCTGGCACCATCCTCTGCCCCAGTCTGGCCAGACCATGGTCCCCTCCAGC  
 CATGGTACCAAGTCTGGCTCAGCCCCAGCTCCTGTCCAGTTCTAGCCCCAGGTCTCCCAATCCCTG  
 TCTGCACCTGTTCCAAAGAGCACCCAGGCAGGGGAAGGCACCCTGTCTGAAGCCCTGCTACACCTGCAGT  
 TCGATGCTGATGAAGACTTGGGGCCTTGTGGCAACAACACAGACCCAGGAGTGTTCACAGACCTGGC  
 ATCTGTGACAACCTCAGAGTTTACGAGCTTCTGAACCAGGGTGTGGCCATGTCCCACTCCACAGCTGAG  
 CCCATGCTGATGGAGTACCCTGAAGCTATAACTCGCCTGGTGACAGGATCCAGAGGCCCCCTGATCCAG  
 CTCCTGCAACCTGGGGACCTCAGGGCTTCCCAATGGCCTCTCAGGGGATGAAGACTTCTCTCCATTGC  
 GGACATGGACTTCTCAGCTTTCTGAGTCAGATCAGCTC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_199267

**Insert Size:** 1653 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**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\\_199267.2](#), [NP\\_954888.1](#)

**RefSeq Size:** 2472 bp

**RefSeq ORF:** 1653 bp

**Locus ID:** 309165

**Cytogenetics:** 1q43

**Gene Summary:** component of the NF-kappa B complex; involved in transcriptional activation [RGD, Feb 2006]