

## Product datasheet for MR201935

### Rpl19 (BC083131) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Rpl19 (BC083131) Mouse Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Rpl19  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >MR201935 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTATGCTCAGGCTACAGAAGAGGCTTGCCTCTAGTGTCTCCGCTGCGGGAAAAAGAAGGTCTGGT  
TGGATCCCAATGAGACCAATGAAATCGCCAATGCCAATCCCCTCAGCAGATCAGGAAGCTGATCAAGGA  
TGGGCTGATCATCCGCAAGCCTGTGACTGTCCATTCCCGGGCTCGTTGCCGGAAAAACACCCTGGCCCGA  
CGGAAGGGCAGGCATATGGGCATAGGGAAGAGGAAGGGTACTGCCAATGCTCGGATGCCTGAGAAGGTGA  
CCTGGATGAGAAGGATGAGGATCCTGCCCGGCTTCTCAGGAGATACCGGGAATCCAAGAAGATTGACCCG  
CCATATGTATCACAGCCTGTACCTGAAGGTCAAAGGGAATGTGTTCAAAAACAAGCGCATCCTCATGGAG  
CACATCCACAAGCTGAAGGCAGACAAGGCCCGCAAGAAGCTCCTGGCTGACCAGGCTGAGGCTCGCAGGT  
CTAAGACCAAGGAAGCACGAAAGCGCCGGGAGGAGCGCCTCCAGGCCAAGAAGGAAGAGATCATCAAGAC  
TCTGTCCAAGGAGGAGGACCAAGAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201935 protein sequence  
Red=Cloning site Green=Tags(s)

MSMLRLQKRLASSVLRGKKKVWLDPNETNEIANANSRQQIRKLIKDGLIIRKPVTVHSRARCRCRNTLAR  
RKGRHMGIGKRKGTANARMPEKVTWMRRMRILRRLRRYRESKKIDRHMYHSLYLKVKGNVFNKRILME  
HIHKLKADKARKLLADQAEARRSKTKEARKRREERLQAKKEEIIKTLSCKEETKK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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**Cloning Scheme:**


**ACCN:** BC083131

**ORF Size:** 588 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC083131](#), [AAH83131](#)

**RefSeq Size:** 737 bp

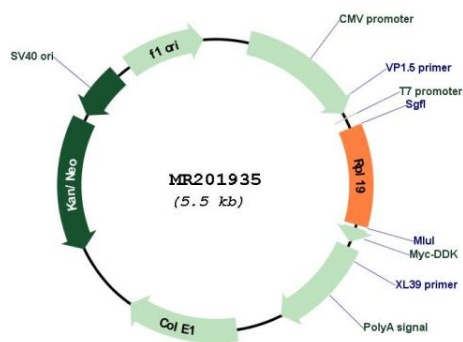
**RefSeq ORF:** 590 bp

**Locus ID:** 19921

**Cytogenetics:** 11 D

**MW:** 23.5 kDa

Product images:



Circular map for MR201935