

## Product datasheet for MR201783

### Rpl18 (BC081468) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rpl18 (BC081468) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rpl18  
**Synonyms:** Rpl18a, L18  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201783 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGTGTTGACATTCGCCACAACAAGGACCGAAAGGTTTCGGCGCAAGGAGCCCAAGAGCCAGGACATCT  
 ACCTGCGGCTGCTTGTCAAGCTGTACAGGTTTCTGGCCAGACGGACCACTCCACCTTCAATCAGGTTGT  
 GCTGAAGAGGTTGTTTCATGAGCCGAACCAACCGGCCACCTCTGTCCCTGTCCGCATGATCCGAAAGATG  
 AAGCTTCTGGCCGCGAGAACAAGACTGCCGTGGTTGTGGGGACGGTCACAGATGATGTGCGGATTCTGA  
 AAGTTCCAAGCTGAAGGTGTGTGCACTGCGGGTGAGCAGCCGGGCCCGAGTCGCATCCTCAAGGCTGG  
 GGGTAAGATCCTCACCTTTGACCAGCTGGCCCTGGAGTCTCCCAAGGGCCGGGGCACTGTGCTCCTGTCT  
 GGTCTCGGAAGGGCCGAGAGGTGTACCGACATTTTGGCAAGGCCCCAGGAACCCACACAGCCATACCA  
 AACCTATGTCCGTTCCAAGGGCCGGAAGTTTGTAGCGCGCCAGAGGCCGAAGGGCCAGCAGAGGCTACAA  
 AAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201783 protein sequence  
 Red=Cloning site Green=Tags(s)

MGVDIRHNKDRKVRKPKSQDIYLRLLVKLYRFLARRTNSTFNQVVLKRLFMSRTNRPPLSLSRMIRKM  
 KLPGRNKTAVVVGTVTDDVRILKVPKLVKALRVSSRARSILKAGGKILTFDQLALESPKGRGTVLLS  
 GPRKGREVYRHFVKAPGTPHSHTKPYVRSKGRKFERARRRRASRGYKN

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC081468

ORF Size: 564 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: [BC081468](#), [AAH81468](#)

RefSeq Size: 666 bp

RefSeq ORF: 566 bp

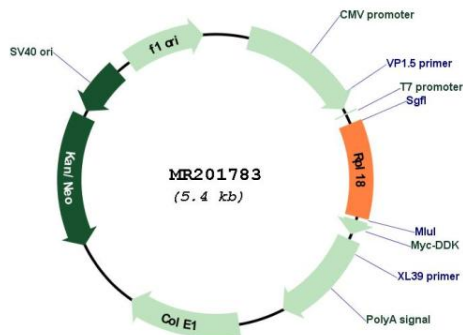
Locus ID: 19899

Cytogenetics: 7 B3

MW: 21.6 kDa

Gene Summary: Component of the large ribosomal subunit.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201783