

## Product datasheet for MR201541

### Rpl18a (NM\_029751) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rpl18a (NM\_029751) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Rpl18a  
**Synonyms:** 2510019J09Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR201541 representing NM\_029751  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGGCCTCGGGCACGCTTCGGGAGTACAAGGTGGTGGGGCGCTGCTTGCCAACCCAAAATGCCACA  
CACCACCCTGTACCGTATGCGAATCTTTGCACCAACCATGTGGTGCCAAGTCCCGCTTCTGGTACTT  
TGTGTACAGCTGAAGAAGATGAAGAAGTCATCCGGGGAAATTGTGTACTGCGGACAGGTGTTTGAGAAG  
TCAACCCTGCGTGTGAAGAACTTTGGCATCTGGCTGCGCTATGACTCCCGCAGTGGCACACACAACATGT  
ATCGGGAGTACAGGGACCTGACCACTGCTGGTGCAGTCACACAGTGTACCGAGACATGGGTGCCCGACA  
CCGTGCCCGTGCCCACTCCATCCAGATCATGAAGGTGGAAGAGATTGCAGCTGGCAAGTGCCCGCCGCA  
GCTGTCAAGCAGTTCACGACTCCAAGATCAAATTTCCCACTGCCCAACCGTGTGTGCGGCGCCAGCACA  
AGCCACGCTTCACCACCAAGAGGCCCAACACCTTCTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR201541 representing NM\_029751  
 Red=Cloning site Green=Tags(s)  
 MKASGTLREYKVVGRCLPTPKCHTPPLYRMRIFAPNHVVAKSRFWYFVSQ LKKMKKSSGEIVYCGQVFEK  
 SPLRVKNFGIWLRYDSRSGTHNMYREYRDLTTAGAVTQC YRDMGARHRARAHSIQIMKVEEIAAGKCRRP  
 AVKQFHDSKIKFPLPHRVLRRQHKPRFTTKRPNTFF

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

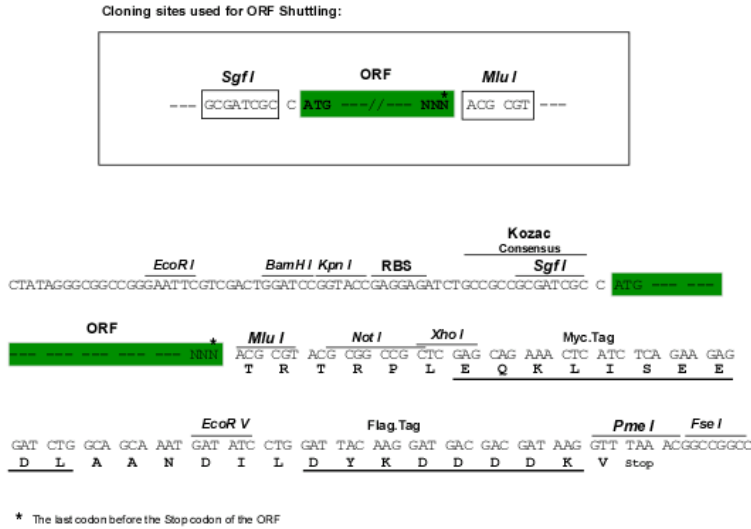
**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9041\\_h02.zip](https://cdn.origene.com/chromatograms/mm9041_h02.zip)



[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_029751

ORF Size: 528 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: [NM\\_029751.4](#), [NP\\_084027.1](#)

RefSeq Size: 1291 bp

RefSeq ORF: 531 bp

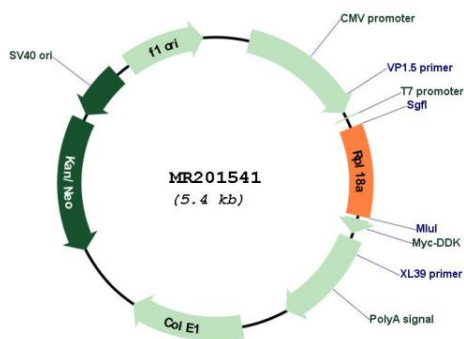
Locus ID: 76808

UniProt ID: [P62717](#)

Cytogenetics: 8 B3.3

MW: 21.2 kDa

**Product images:**



Circular map for MR201541