

## Product datasheet for MR201547

### Arl11 (NM\_177337) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arl11 (NM_177337) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Arl11
Synonyms:	ARLTS1; C730007L20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR201547 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGCTCTGTGAATTCAGAGGTCACAAGGCAGAGGCCAGGTGGTAATGATGGGCCTCGACTCTGCTG  
GCAAGACCACAATTCTGTACAACTGAAAGGAAACCAGCTGGTGGACACCCTACCCACTGTTGGTTTTAA  
TGTAGAGCCTCTGAGGCTCCTGGACATGTGCTACTGACTCTCTGGGACATTGGGGACAGACCCAGCTC  
AGAGCTACCTGGAAGGACTACCTGGAAGGCATCGACCTCCTTGTGTACGTGCTGGACAGCACAGATGAAG  
CCCGCTTGCCCTGAGGCAGTGGCTGAGCTCAAGGAAGTCTGGAAGACCCCAACATGGCCGGCGTCCCTT  
CTTGGTACTGGCCAACAAGCAGGAGGCTCCTGGTCTCTGCCGTTGCTTAAAATCAGAAACAGGCTGGGC  
CTGGAAGGGTTCCAAAAGCATTGCTGGGAGCTGCGGGCTTGACAGCGCTCTCACAGGACAGGGGCTGCAGG  
AAGCCCTGCAGAGCCTGCTGCATTTGCTGAAGTCCCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR201547 protein sequence Red=Cloning site Green=Tags(s)
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MGSVNSRGHKAEAQVMMGLDSAGKTTILYKLGKGNQLVDTLPTVGFNVEPLEAPGHVSLTLWDIGGQTQL  
RATWKDYLEGIDLLVYVLDSTDEARLPEAVAELKEVLEDPNMAGVPFLVLANKQEAPGALPLLEIRNRLG  
LEGFQKHCWELRACSALTGQGLQEALQSLLHLLKSR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:	Sgfl-MluI
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**Cloning Scheme:**


**ACCN:** NM\_177337

**ORF Size:** 531 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\\_177337.3](#), [NP\\_796311.2](#)

**RefSeq Size:** 1505 bp

**RefSeq ORF:** 531 bp

**Locus ID:** 219144

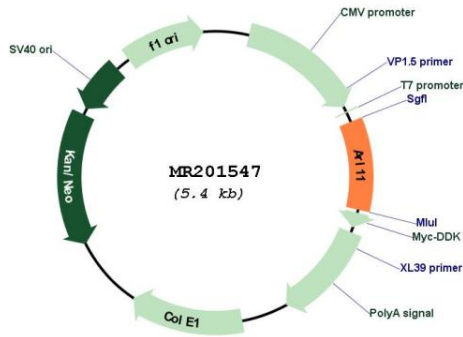
**UniProt ID:** [Q6P3A9](#)

**Cytogenetics:** 14 D1

**MW:** 19.2 kDa

**Gene Summary:** May play a role in apoptosis. May act as a tumor suppressor (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR201547