

## Product datasheet for **RR203641**

### Arv1 (NM\_001106197) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Arv1 (NM\_001106197) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Arv1  
**Synonyms:** RGD1310264  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR203641 representing NM\_001106197  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGACGGGCGGGCGTAGGGGGATGCGGTCCGGAAAGGCACGGAAGGTGCGGCGGGCGGCTTCAT  
CCTCTTTCTTGTATCGTTGTATCGAGTGAACCGGGAGGCCGGAACTGTACCGGGACTACAACCAGG  
AGTGCTCAAGATAACCATCTGCAATCCTGCCAGAAACCAGTAGACAAATATATTGAATATGATCCTGTT  
ATTATCCTGATTAATGCCATTTTATGTAACACACAGGCTTATAGGCATATTCTCTTCAACTCAAATAA  
ATATCCATGGGAAACTCTGCATGTTTTGTTTGGCTTTGTGAAGCATACCTGCGTTGGTGGCAGCTGCAGGA  
CTCAAGCCAGAGTCCAGCCCCGATGACGTGATCCGCTATGCCAAGGAGTGGGACTTCTACAGGATGTTT  
GTGATCGCGTCTTTGAACAAGCTGCCTTTTCACTGGCATGTTTGTCTTCTGTGGGTACAGCAACACA  
TGACAGCAAGAGGGGCGCCAGACTTTGTTTTGCTGCTGAAGGCGCTGCTGCTGTCCAGCTACGGGAAGCT  
GCTGCTGATCCCCGCGTCATCTGGGAGCAGACCACACGCTCTGTGTCTCAGGCTCATCAAGGTGTTT  
GTTCTCACCTCAAACCTCCAGGCGATCAGAGTGACCCTGAACACCAACCGGAGGCTGTCCCTGTTGGCCG  
TGCTGAGCGCCCTGCTGCTGGAGAGCATCATGGTCTTCTTCTTCCAGAGGATGGAGTGAATGTGGGCAG  
CGACTGTGCGGTGTACAAGTCTCAGGACTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR203641 representing NM\_001106197  
Red=Cloning site Green=Tags(s)

MGTGRRRMRSGKGTGAAAAASSFLYRCIECNREARELYRDYNHGVLKITICKSCQKPVDKYIEYDPV  
 IILINAILCKTQAYRHILFNTQINIHGKLCMFLLCEAYLRWWQLQDSSQSPAPDDVIRYAKEWDFYRMF  
 VIASFEQAFFFTGMFAFLWVQQHMTARGAPDFVLLKALLSSYGKLLIPAVIWEHDHTPLCLRLIKVF  
 VLTSNFQAIRVTLNTRRLSLLAVLSGLLLESIMVFFFQRMENWVGSDCAVYKSSQDF

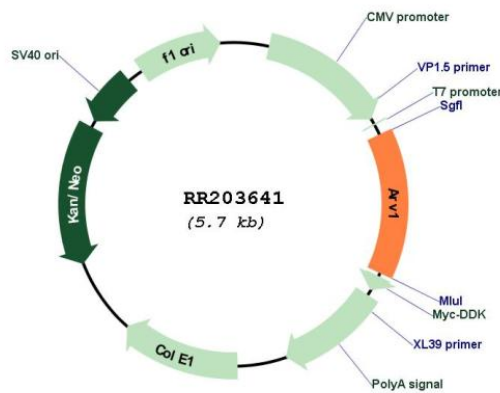
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001106197

**ORF Size:** 801 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001106197.1</a> , <a href="#">NP_001099667.1</a>
<b>RefSeq Size:</b>	1142 bp
<b>RefSeq ORF:</b>	804 bp
<b>Locus ID:</b>	292097
<b>Cytogenetics:</b>	19q12
<b>MW:</b>	30.7 kDa