

## Product datasheet for **RR216595**

### Arid3c (NM\_001173981) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Arid3c (NM\_001173981) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Arid3c  
Synonyms: RGD1560943  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
ORF Nucleotide Sequence: >RR216595 representing NM\_001173981  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGGCCCTGCAGAGGCAGCAGGCAGCACGGCTGGCCCAAGGGGTGGGGCCCTTGGCCCTCCACGCC  
TACCGCTTCCACAGCCTCCTCTGCTTGGCGCCCGACCCTACAGGCTCCTGAGGGGGCCTTAGGGGTGGT  
TGGGGCTGAAGAAGAGGAGGGTGTGAAGAAGATGAGGAGGGAGACACCCCTTAGTGAAGAGGAGACA  
GCTGAGCAGAGCCATCCGGGAGCCGATGTCCCAATTCACCATCCGGCCAGTCCCCTGGAATCCAGCCAC  
ATGAGTGGACCTATGAGGAACAGTTCAAGCAGCTGTATGAACTCGACGCGGACCCCAAGAGGAAGGAATT  
TCTGGATGACCTGTTTAGCTTCATGCAGAAGAGGGGACGCCAGTGAACCGGGTGGCCATCATGGCCAAA  
CAGGTCCTGGATCTGTATGCGTTGTTTCGCTTGGTGACAGCCAAGGGAGGCCTGGTGAAGTCATCAACC  
GAAAAGTGTGGCGGAAGTCACACGCGGCCTCAGTTTGCCACCACCATCACCTCTGCCGCCTTCACACT  
ACGTACCCAGTACATGAAGTATTTGTACCCATACGAGTGCAGACGCGGGCACTCAGTTCTCCAGGGGAG  
CTCCAGGCTGCCATAGACAGCAACCGCGTGAGGGACGTCGCCAGGCCTACACCACGTCCTCCGCTTCA  
ACTTAGCAGGACCCACACTCGGGGCGCTCCTGGTCCCGCCTCGAGTCATGGCCCCGCCGACCCAGCAGC  
CCGAATTGCCCGGTTCCACCCAGGGTTCGCTTCTGGCTTACCAGCGCATGCTTGTGCTCAACTGAGC  
CCCAGCCAGTAAAGAAAGAGGAGAGTGAATCCACCCCTCGTCTGGCGATACCTGTGGGCTTGGCCT  
TGGAGGCTGCACGGGAGAAGCTGGCACCAGAAGAGCCTCCAGAGAAGAGGGCTGTGCTGATGGGCCCAT  
GGATCCACCTCGATTGGGAGCAACCCCAAGTTTCTGCCCGTGGCAAGGCTCCCCTAAGGGAAGAGCGG  
TTGGATGGGCCCTCAATCTGGCAGGCAGTGGCATCAGCAGTATCAACATGGCGTAGAGATCAATGGGG  
TTGTCTACACTGGTATCCTTTTGGCCGACGCCAGCCTGTGCCAGCTTCTTGGGTCGACCAATCTCC  
ACCCCCACCTCTACAGGGCCCCCTTCCAGCACCTTACCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR216595 representing NM\_001173981  
Red=Cloning site Green=Tags(s)

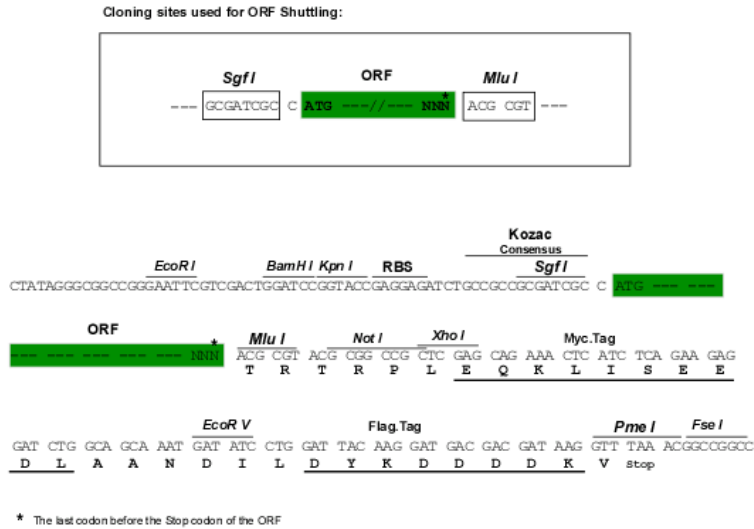
MEALQRQQAARLAQGVGPLAPPRLPLPQPPLLGARTLQAPEGALGVVGAEEEEGAEEDEEGETPLVEEET  
 AEQSHPGARCPNSPSGQSPGIQPHWEYEEQFKQLYELDADPKRKEFLDDLFSFMQKRGTPVNRVPIMAK  
 QVLDLYALFRLVTAKGGLVEVINRQVWREVTGRGLSLPTTITSAAFTLRTQYMKYLYPECETRALSSPGE  
 LQAAIDSNRREGRRQAYTTVPLFNLAGPTPRGAPGPASSHGPAPTTTPNCPGSTQGSASGLPAHACAQLS  
 PSPVKKEESGIPPPRLAIPVGLALEAAREKLAPEEPPEKRAVLMGPMDDPRLGATPSFLPRGKAPLREER  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

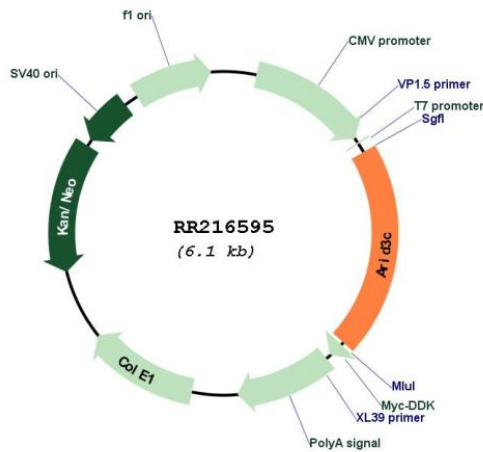
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001173981

<b>ORF Size:</b>	1230 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_001173981.1</a> , <a href="#">NP_001167452.1</a>
<b>RefSeq Size:</b>	1233 bp
<b>RefSeq ORF:</b>	1233 bp
<b>Locus ID:</b>	502946
<b>Cytogenetics:</b>	5q22
<b>MW:</b>	43.8 kDa