

## Product datasheet for MC226940

### Art5 (NM\_001291354) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Art5 (NM\_001291354) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Art5  
 Synonyms: ARTC5; Yac-2  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC226940 representing NM\_001291354  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATTCTGGAGGATCTGCTGATGGTCCTCAGCTGCCTCAGCTTGACGCCCTCTGGAAGTTTCGAGCTG  
 TTCCTATCTGCCCTGAGCCTGGTTCCAGATACCTTTGATGATGCCTATGTGGGCTGCTCTGAGGAGAT  
 GGAGGAGAAAGCAGGCCCTGCTGCTAAAGGAAGAGATGGCAGCCATGCCCTGCTGCGGGAATCCTGGGAA  
 GCAGCACAAGAGGCCCTGGGCACACCGGGCTCACAAAGCTCACTCTACCTCCCTGGCTTCAAAGCCCAGCAGC  
 GAGTAGCGATTATGGTGTACACCAACTCATCAACACCTTGTACTGGGAGCTGAACCAGGCCGTACGGAC  
 AGGAGGTGGCTCCCGGGAGCTCTACATGAGGCACTTCCCCTTCAAGGCCCTGCATTTCTACTTGACCCGG  
 GCTCTGCAGCTGCTGCGGGGCTCTGGAGGGTGCAGTAGGGGACCTGGGGAGGTGGTGTCCGAGGTGTGG  
 GCAGTCTTCACTTTGAACCAAGAGGCTGGGGGACTCTGTCCGATTAGGACAGTTTACCTCCAGCTCTGT  
 GGATGAGAGAGTGGCTCGCAGGTTTGGGAATGCCACCTTCTTCAATCTAAGGACTGTTTTGGGGCTCCT  
 ATCCAGGCGTTGTCTGTCTTCCCTGAGGAGCGTGAGGTGCTGATACCCCAACAGCAAGTCTTCTTGGTCA  
 CTGGGTTCTCCAGGATGGAGCCAGAGCATAGTGACTCTGGAGTTATGATCAGACCTGCAGCCACTT  
 TAACTGCGCCTATTTGGGTGGGGAGAAGAGACGTGGCTGTGTGCTCAAGAGCAGTCGGGCAGCCAGAG  
 GCACCCCTCCAGAGGCTCTGGCTCTGCAATCAGGAAAGACACTGCTCTTGGACCAAGGAAGCTGCAGC  
 TCTCCAGAGCTGGACCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: NM\_001291354  
 Insert Size: 930 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u><a href="#">NM_001291354.1</a></u> , <u><a href="#">NP_001278283.1</a></u>
<b>RefSeq Size:</b>	1662 bp
<b>RefSeq ORF:</b>	930 bp
<b>Locus ID:</b>	11875
<b>UniProt ID:</b>	<u><a href="#">P70352</a></u>
<b>Cytogenetics:</b>	7 54.71 cM