

## Product datasheet for **RN207946**

### **Arvcf (NM\_001131013) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Arvcf (NM_001131013) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arvcf
Synonyms:	MGC188400
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207946 representing NM\_001131013  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGACTGCAATGTGCATTCGCGCCAGCATTCTGGCCTCGGTGAAAGAACAGGAGGCCGATTTCG  
 AGCGGCTGACACGGGCACTAGAGCAAGAACGGCGCCACGTCGCCCTGCAGCTGGAGCGTGCCAGCAGCC  
 TGGCATGAGCAGTGGTGGTATGGTGGGAGTGGGAGCCCTGCCAATGGCCTGGCAGCAGCTGGTTCTG  
 CAGGAACAGAGCCCGGTAGCCAGGCATCGCTGGCCACGATGCCAGAGGCACCTGAGGTGCTGGAGGAGA  
 CAGTGACTGTGGAGGAAGACCCTGGCACCCACCTCTCATGTATCCATTGTCACATCAGAAGACGGTAC  
 AACCCGGCGGACTGAGACTAAGGTCACTAAGACAGTCAAGACTGTGACCACAAGGACAGTCCGCCAGGTG  
 CCTTTGGTCCAGATGGACTCCCCTTGTAGATGGCGGCCCTCCTTTGGCTCTTTTGTGATGGCCCC  
 TGGACCGGCACTACGTCCTGCGTGGTGGTGGCCAGCAGCCACACTCTCCGAGCCTACCTCAGCAGTGG  
 AGGTGGCTTTCCGATGGCCCCAGCCCGTGATATTCCAAGCTACGGCAGCTTGTCCGAGGGCTTGGG  
 GTACGGCCACCAGTACTGGCCTTTGGGCCCGGACCTGGTGTGGCTGTTTCACACTCCCTGGCCGCC  
 GAGAAGCCTTCCCATGGGCTCAGAATCTGGACCACCAAGTGGCCGCTCTCTGCCTGAGCATTTCGAAGC  
 AGAGCCATATGGCCTGGAGGATGACACTCGGAGCCTGGCTGCAGATGATGAGGGCGGCCCGACCTGGAG  
 CCTGACTACAGCACAGCCACAGGAGAAGACCTGAGTACGGGCGGGGCTCCGTGCCAGGGCCTTGGAAAG  
 ACACCGCAGATGACACTGGTGGTGGTAGAAGAGCGGCCCGTTCCAGCCGCAACAGCCCTTAGC  
 CCAGCCTGAGAGGGGAGCCTGGCAGCTTGGACCGAGTGTGCGGCGCTCACCTCAGTAGACAGCACC  
 CGCAAGGAGCCGCGTGGAGGGACCCTGAGCTGCCGAGGTGCTGGCCATGCTGCCGACCCCGTGGACC  
 CTGTGAAAAGCCAACCGCCAGCCTACTGCAGCACCTCTGCTTTGAGAACGAGGGCATCAAGCTCGGGT  
 GCGGCAGCTGCGTGGGCTGCCCTACTCGTGGCGTTACTAGATCACCTCGGGCTGAGGTGCGCCCGCGG  
 GCCTGCGGGGCACTGCGCAACCTCTCTATGGCCGCGATGCCGACAACAAGGCTGCCATCCGGGACTGCG  
 GGGCGTGCCAGCCCTGGTGCAGCTGCTGCGGGTGCCTGACAAATGAGGTCCGTGAGCTGGTCACTGG  
 CACTCTGGAACCTGTATCCTACGAGCCCTGAAGTGGTCACTATTGACCACGGCTTACAGACTCTG  
 ACCCATGAGGTCACTGCCCCATTCTGGCTGGGAGCGAGAGCCTAATGAAGACTCGAAGCCCGGGATG  
 CCGAGTGGACGACAGTCTTAAGAACACATCAGGCTGCCTGAGGAACGTGAGCTCAGATGGTGCAGAGGC  
 CCGGCGGCGACTTCGTGAGTGCAGAGGGCTGGTGGACGCTCTTACATGCCCTGCAGTCAGCTGTGGC  
 AGGAAAGACACAGATAATAAGTCAGTAGAGAACTGTGTGTGCATCATGCCGAACCTGTCTACCACGTGC  
 ACAAGGAAGTCCAGGGGCTGACAGGTACCAGGAGGTGGAGCCTGGGATCCCGGGCAGTGTGCAACCTC  
 CCAGCGTCCGAGGAAGGATGACGCCAGTGTCTTTGGTGGCAAGAAAGCGAAAGGGGAAGGATGCAGAG  
 GCCGACCGGAACCTTTGACACATTGGACCTGCCAAACGTAAGTGAAGTGCAGAAAGGCTTCGAGCTGCTGT  
 ACCAGCCGGAGGTGGTGGCACTTACCTGTCACTCCTTACGGAGAGCCGGAACCTCAACACCCTAGAAGC  
 TGCAGCGGGTGCCTGCAGAACCTCAGTGTGGCAACTGGATGTGGGCCACGTATATCCGTGCCACAGTG  
 CGCAAGGAACGTGGGCTGCCAGTGTGGTGGAACTGCTACAGTCTGAGACCGACAAGGTGGTGGCTGCTG  
 TGGCCATCGCACTGCGCAACCTGTCACTAGACCAGCGGAACAAAGACCTCATCGGGAGCTACGCCATGAC  
 AGAGCTGGTTCGGAATGTTGCAACGCACAGGCTCCTGCCACCCAGTGCCACCTGGAGGAGGATACA  
 GTGGTAGCTGTGCTCAACACCATCCATGAGATTGTGTCGACAGCCTGGACAATGCTCGCTCCCTCTGC  
 AGGCCCGTGGTGTGCTGCACTGGTGGCACTTGTGGCCTCCAGCCAGTCAAGTGGGAGGCAAGGCAGC  
 ATCACACGTGCTACAGACTGTGTGGAGCTACAAGGAGTGCCTGGAGCCCTACAGAGGGACGGCTGGACG  
 AAAGCACACTTCCAGTCTGCTAGCACTGCCAAAGGACCCAAAGGGACACCAAAATTCTGGAGGCTTTGATG  
 ACAGCACACTGCCACTGGTAGACAAGAACCTTGTGGGAGAACTCACTACTCGGGATGTGATCCCAT  
 GGATACCCTTGGTCCAGATGGCTACAGCACAGTTGACCGAGGGAGAGGAGGACTGGGCAGCGACTCC  
 ATAGGCGACTCCTCTGAGAAGGAACTACTGAAAGGCCCTGGCCAGCTGTTTGTCTTCGGATCACATGG  
 AGTAATTGGAAGAGGGCGTCTGGAACAGACCCAGTCTTGGGGCAGGAGCCCAACCTCTGTGTGG  
 GTTGGCAAGCCTTGTCTACCTTGCCTGCCCTCCTCTACTCTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001131013
<b>Insert Size:</b>	2922 bp
<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>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_001131013.1</a></u> , <u><a href="#">NP_001124485.1</a></u>
<b>RefSeq Size:</b>	3887 bp
<b>RefSeq ORF:</b>	2922 bp
<b>Locus ID:</b>	303798
<b>Cytogenetics:</b>	11q23