

## Product datasheet for **MC229218**

### Arvcf (NM\_001272029) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arvcf (NM_001272029) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arvcf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC229218 representing NM\_001272029  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAGGACTGCAACGTGCATTCGGCCGCCAGCATTTTGGCCTCGGTGAAGGAACAGGAGGCCCGTTTCG  
AGCGGCTGACACGGGCACTAGAACAAGAACGGCGCCATGTTGCCCTGCAGCTGGAGCGTGCCAGCAGCC  
TGGCATGAGCAGTGTTGTTATGTTGGGAGTGGGAGCCCTGCCAATGGCTGGCAGCAGCTGTTCTG  
CAGGAGCAGAGCCCGGTAGCCAGGCATCGCTGGCCACGATGCCAGAGGCACCCGAGGACTGGAGGAGA  
CAGTGACTGTGGAGGAAGACCCTGGCACCCACCTCTCACGTGCCATCGTCACATCAGAAGATGGTAC  
AACCCGGCGGACTGAGACTAAGTCACTAAGACGGTCAAGACTGTGACCACAAGGACAGTACGCCAGGTG  
CCTTTGGGCCAGATGGACTCCCCTTGTGGACGGCGGCCCTCCACTGGCTCTTTTGTGACGGGCCCC  
TGGACCGCATTACCTACTTCGTGGTGGTGGTCCAGCAGCCACACTCTCCGAACCTACCACAGCAG  
TGGAGGTGGCTTCCCGATGGCCCGGAGTCCCGTGATATTCCAAGCTATGGCAGCTTGCCCGAGGGCTC  
GGGTACGGCCACCACGTAAGTGGCTCCTGGGCCAGGACCTGGTGATGGCTGTTTCACACTGCCTGGCC  
GCCGAGAAGCCTTCCCATGGGCTCTGAATCCGGACCACCAAGCGGCCGCTCTCTGCCTGAGCATTTCCA  
AGCTGAACCATATGGCTGGAGGATGATACACGGAGCCTGGTGCGGATGATGAGGGTGGCCCCGACCTG  
GAGCCTGACTATAGCACGGCAACCCGGAGAAGACCTGAGTACGGGCGGGCCCTTCGTGCCAGGGCCTTTG  
AAGACACAGCAGATGATGCTGGTGGTGGTGAAGAGCGTCCCCATTTCCAGCAGCAACAGCCCTCT  
GGCCAGCCTGAGAGGGGAGCCTGGGACGCTTGGACCGAGTGTGCGGCGCTCACCTTCAGTGGATAGC  
ACCCGAAAGGAGCCACGCTGGCGGGACCCGAGCTGCCAGAGGTGTTGGCCATGCTGCGGACCCCTGTGG  
ACCTGTGAAAGCAATGCTGCAGCCTACCTGCAGCAGCTCTGCTTTGAGAAGCAGGGTATTAAGCGGCG  
AGTGGCGGACGCTGCGTGGGCTCCCCCTGCTTGTGGCATTACTAGATCACCTCGGGCTGAGGTGCGGCGC  
CGGCTGTGGGCACTGCGCAACCTCTCTATGGCCGGGATACTGACAACAAGGCCCATCCGGGACT  
GCGGGGCGTGCCAGCCCTGGTGCCTACTGCGGGCGGCCGTGACAATGAGGTCCTGAGCTGGTGCAC  
TGGCACACTCTGGAACCTGTCATCTACGAGCCCTGAAGATGGTGCATATTGACCACGGCTTACAGACT  
CTGACCCATGAGGTATCGTGCCCATTCGGCTGGGAGCGAGAGCCTAACGAAGACTCGAAGCCCCGGG  
ATGCCGAGTGGACAACAGTCTTCAAGAACACATCAGGCTGCCTGAGGAATGTGAGCTCAGATGGTGCAGA  
GGCCCGGCGGACTCCGTGAGTGCAGGAGGCTGGTGGACGCTCTCTACATGCCCTGCAGTCACTGTG  
GGCAGGAAAGACACAGATAATAAGTCAAGTACAGAACTGTGTGTGCATCATGCGGAACCTGTCTACCAG  
TGCAAAAGAAGTTCAGGGGCTGACAGGTACCAGGAGGCAAGAGCTGGGATCCCGGGCAGCACAACTC  
CCAGCGACGGAGGAAGGATGACGCCAGTGCTTTGGTGGCAAGAAAGCAAAGGGGAAGAAGGATGCAGAG  
ATGGACCGGAACCTTGGACACTGGACCTGCCTAAACGAACGGAGGCTGCAAAAGGCTTCGAGCTGCTGT  
ACCAGCCGGAGGTGGTACGTCTCTACCTCTCACTCCTTACGGAGAGCCGGAACCTCAACACCCTGGAAGC  
TGCAGCCGGTGCCTGCAAAACCTCAGTGTGGCAACTGGACGTGGGCCACGTACATCCGTGCCACAGTG  
CGCAAGGAACGTGGGCTGCCAGTACTGGTGAAGTGTACAGTCTGAGACCGACAAGGTGGTGGCGCTG  
TAGCCATCGCGCTGCGCAACCTCTCACTAGACCAGCGGAACAAAGACCTCATCGGGAGCTATGCCATGAC  
AGAGCTGGTTCGGAATGTTTCGCAATGCACAGGCTCCCGCTCACCCAGTGCCACCTGGAGGAGGATACT  
GTGGTTGCCGTGCTCAACACCATCCATGAGATCGTGTCCGACAGCCTGGACAATGCTCGCTCCCTCTGC  
AGGCCCGTGGTGTGCCTGCCCTGGTAGCACTTGTGGCCTCCAGCCAGTCACTGCGGGAGGCCAAGGCAGC  
ATCACACGTGCTACAGACTGTATGGAGCTACAAGGAGTGCCTGGAGCCCTGCAGAGGGATGGTGGACG  
AAGTCAAGCTTCCAGTCTGCTAGCACTGCCAAAGGACCCAAAGGGACACCAAGTCTGGCGGCTTTGATG  
ACAGCACACTGCCACTGGTAGACAAGAGCCTTGTGGGAGAAAGTCAAACACCCGGGATGTGATCCCAT  
GGATACCCTTGGTCCAGATGGTTACGCCACAGTTGACCGAGGGAGAGGAGGACTGGGCAGTACTCC  
ACAGGGGACACCTCTGAGAAAGAACTATTGAGACCCGATCCTGGCAGGAAGGCCCTCCGCTGGGCCCA  
GCAGGCCCTCGGTAGGCTGGTGGACGCGTGGGGGACACTAAGCCTCAGCCTGTGACTCCTGGGTCTA  
G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001272029
<b>Insert Size:</b>	2871 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>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_001272029.1</a></u> , <u><a href="#">NP_001258958.1</a></u>
<b>RefSeq Size:</b>	4720 bp
<b>RefSeq ORF:</b>	2871 bp
<b>Locus ID:</b>	11877
<b>UniProt ID:</b>	<u><a href="#">P98203</a></u>
<b>Cytogenetics:</b>	16 11.37 cM
<b>Gene Summary:</b>	<p>Involved in protein-protein interactions at adherens junctions.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an exon in the coding region but maintains reading frame, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Both variants 3 and 4 encode the same isoform.</p>