

## Product datasheet for **MC229223**

### Arvcf (NM\_001272028) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arvcf (NM_001272028) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arvcf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC229223 representing NM\_001272028  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGACTGCAACGTGCATTCGGCCGCCAGCATTTTGGCCTCGGTGAAGGAACAGGAGGCCGTTTCG  
 AGCGGCTGACACGGGCACTAGAACAAGAACGGCGCCATGTTGCCCTGCAGCTGGAGCGTGCCAGCAGCC  
 TGGCATGAGCAGTGGTGGTATGGTGGGCAGTGGGCAGCCCTGCCAATGGCCTGGCAGCAGCTGGTTCTG  
 CAGGAGCAGAGCCCGGTAGCCAGGCATCGCTGGCCACGATGCCAGAGGCACCCGAGGACTGGAGGAGA  
 CAGTGACTGTGGAGGAAGACCCTGGCACCCACCTCTCACGTGCCATCGTCACATCAGAAGATGGTAC  
 AACCCGGCGGACTGAGACTAAGTCACTAAGACGGTCAAGACTGTGACCACAAGGACAGTACGCCAGGTG  
 CCTTTGGGCCAGATGGACTCCCCTTGTGGACGGCGGCCCTCCACTGGCTCTTTTGTGACGGGCCCC  
 TGGACCGCATTACCTACTTCGTGGTGGTGGTCCAGCAGCCACACTCTCCGAACCTACCACAGCAG  
 TGGAGGTGGCTTCCCGATGGCCCGAGTCCCGTGATATTCCAAGCTATGGCAGCTTGTCGCCGAGGGCTC  
 GGGGTACGGCCACCACGTACTGGCCTCCTGGGCCAGGACCTGGTGATGGCTGTTTCACACTGCCTGGCC  
 GCCGAGAAGCCTTCCCATGGGCTCTGAATCCGGACCACCAAGCGGCCGCTCTCTGCCTGAGCATTTCCA  
 AGCTGAACCATATGGCCTGGAGGATGATACACGGAGCCTGGTGCCGATGATGAGGGTGGCCCCGACCTG  
 GAGCCTGACTATAGCACGGCAACCCGGAGAAGACCTGAGTACGGGCGGGCCCTTCGTGCCAGGGCCTTTG  
 AAGACACAGCAGATGATGCTGGTGGTGGTGGTGGTCCAGCAGCCACACTCTCCGAACCTACCACAGCAG  
 GGCCAGCCTGAGAGGGGAGCCTGGGCAGCTTGGACCGAGTGTGCGGCGCTCACCTTCAGTGGATAGC  
 ACCCGAAGGAGCCACGCTGGCGGGACCCGAGCTGCCAGAGGTGTTGGCCATGCTGCGGCACCCCTGTGG  
 ACCCTGTGAAAGCCAATGCTGCAGCCTACCTGCAGCACCCTGCTTTGAGAAGCAGGGTATTAAGCGGCG  
 AGTGCAGGAGCTGCGTGGGCTCCCCCTGCTTGTGGCATTACTAGATCACCCCTCGGGCTGAGGTGCGGCGC  
 CGGGCCTGTGGGCACTGCGCAACCTCTCTATGGCCGGGATACTGACAACAAGGCCCATCCGGGACT  
 GCGGGGCGTGCCAGCCCTGGTGCCTACTGCGGGCGGCCGTCGACAATGAGGTCCGTGAGCTGGTCCAC  
 TGGCACACTCTGGAACCTGTATCTACGAGCCCTGAAGATGGTTCATCATTGACCACGGCTTACAGACT  
 CTGACCCATGAGGTATCGTGCCCATTCGGCTGGGAGCGAGAGCCTAACGAAGACTCGAAGCCCCGGG  
 ATGCCGAGTGGACAACAGTCTTCAAGAACACATCAGGCTGCCTGAGGAATGTGAGCTCAGATGGTGCAGA  
 GGCCCGGCGGCGACTCCGTGAGTGCAGGAGGCTGGTGGACGCTCTCTACATGCCCTGCAGTCACTGTG  
 GGCAGGAAAGACACAGATAATAAGTCAGTAGAGAAGTGTGTGCATCATGCGGAACCTGTCTACCACG  
 TGCACAAAGAAGTTCAGGGGCTGACAGGTACCAGGAGGAGAGCCTGGGATCCCGGGCAGCACAAACCTC  
 CCAGCGACGGAGGAAGGATGACGCCAGTGTCTTGGTGGCAAGAAAGCAAAGAGGAGTGGTTCCATCAA  
 GGAAGAAGGATGCAGAGATGGACCGGAACTTTGACACTGGACCTGCCTAAACGAACGGAGGCTGCAA  
 AAGGCTTCGAGCTGTGTACCAGCCGAGGTGGTACGTCTCTACCTCTCACTCTTACGGAGAGCCGGAA  
 CTTCAACACCCTGGAAGTGCAGCCGGTGCCTGCAAAACCTCAGTGTGGCAACTGGACGTGGGCCACG  
 TACATCCGTGCCACAGTGCAGCAAGGACGTGGGCTGCCAGTACTGGTGGAACTGCTACAGTCTGAGACCG  
 ACAAGGTGGTGCAGCTGTAGCCATCGCGCTGCCAACCTCTCACTAGACCAGCGGAACAAGACCTCAT  
 CGGGAGCTATGCCATGACAGAGCTGGTTCGGAATGTTTCGCAATGCACAGGCTCCCGCTCACCCAGTGC  
 CACCTGGAGGAGGATACTGTGGTTGCCGTCAACACCATCCATGAGATCGTGTCCGACAGCCTGGACA  
 ATGCTCGTCCCTCCTGCAGGCCGTGGTGTGCCTGCCCTGGTAGCACTTGTGGCCTCCAGCCAGTCACT  
 GCGGGAGGCCAAGGCAGCATCACACGTGTACAGACTGTATGGAGCTACAAGGAGCTGCGTGGAGCCCTG  
 CAGAGGGATGGCTGGACGAAGTCAAGCTTCCAGTCTGCTAGCACTGCCAAAGGACCCAAAGGACACCAA  
 GTTCTGGCGGCTTTGATGACAGCACACTGCCACTGGTAGACAAGAGCCTTGTGGGAGAAAGTCAAACAC  
 CCGGGATGTGATCCCATGGATACCCTGGTCCAGATGGTTACGCCACAGTTGACCGGAGGGAGAGGAGG  
 AACTGGGCAGTACTCCACAGGGGACACCTCTGAGAAAGAACTATTGAGACCCGATCCTGGCAGGAAGG  
 CCCCTCCGCTGGGCCAGCAGGCCCTCGGTGAGGCTGGTGGACGCCGTGGGGGACACTAAGCCTACGCC  
 TGTGACTCCTGGGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001272028
<b>Insert Size:</b>	2889 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_001272028.1</a></u> , <u><a href="#">NP_001258957.1</a></u>
<b>RefSeq Size:</b>	4587 bp
<b>RefSeq ORF:</b>	2889 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 (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (1).</p>