

Product datasheet for **MC229118**

Arvcf (NM_001272032) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arvcf (NM_001272032) 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: >MC229118 representing NM_001272032
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGCGAACTCAGACAGGAGCAGAGCCCGGGTAGCCAGGCATCGCTGGCCACGATGCCAGAGGCAC
 CCGAGGTAAGGAGAGACAGTACTGTGGAGGAAGACCCTGGCACCCACCTCTCACGTGCCATCGT
 CACATCAGAAGATGGTACAACCCGGCGGACTGAGACTAAGGTCACTAAGACGGTCAAGACTGTGACCACA
 AGGACAGTACGCCAGGTGCCTTTGGGCCAGATGGACTCCCTTGTGGACGGCGGCCCTCCACTTGGCT
 CTTTTGCTGACGGGCCCTGGACCGCATTACCTACTTGTGGTGGTGGTCCAGCAGCCACACTCTC
 CCGAACCTACCACAGCAGTGGAGGTGGCTTTCCCGATGGCCCGAGTCCCGTGATATCCAAGCTATGGC
 AGCTTGTCCCGAGGGCTCGGGTACGGCCACCAGTACTGGCTCCTGGGCCAGGACCTGGTATGGCT
 GTTTCACACTGCCTGGCCGCCGAGAAGCCTTCCCATGGGCTCTGAATCCGGACCACCAAGCGGCCGCTC
 TCTGCCTGAGCATTCCAAGCTGAACCATATGGCCTGGAGGATGATACACGGAGCCTGGCTGCGGATGAT
 GAGGGTGGCCCCGACCTGGAGCCTGACTATAGCACGGCAACCCGAGAAGACCTGAGTACGGCGGGGCC
 TTCGTGCCAGGGCCTTTGAAGACACAGCAGATGATGCTGGTGGAGCTGATAGAAGAGCGTCCCCATTTC
 AGCAGAACAGCCCTCTGGCCAGCCTGAGAGGGCAGCCTGGGCAGCTTGGACCGAGTGTGCGGCGC
 TCACCTTCAGTGGATAGCACCCGCAAGGAGCCACGCTGGCGGGACCCCGAGCTGCCAGAGGTGTTGGCCA
 TGCTGCGGCACCTGTGGACCCTGTGAAAGCCAATGCTGCAGCCTACCTGCAGCAGCTCTGCTTTGAGAA
 CGAGGGTATTAAAGCGCGAGTGGCGCAGCTGCGTGGGCTCCCCCTGCTTGTGGCATTACTAGATCACCT
 CGGGCTGAGGTGGCGCCGGCCCTGTGGGGCACTGCCAACCTCTCTATGGCCGGGACTGACAACA
 AGGCCGCCATCCGGGACTGCGGGGGCTGCCAGCCTGGTGCCTACTGCGGGCGCCCTGACAATGA
 GGTCCTGAGCTGGTCACTGGCACACTTGGAACCTGTATCCTACGAGCCCTGAAGATGGTCATCATT
 GACCACGGCTTACAGACTCTGACCCATGAGGTATCGTGGCCATTCCGGCTGGGAGCGAGAGCCTAACG
 AAGACTCGAAGCCCGGGATGCCGAGTGGACAACAGTCTTCAAGAACACATCAGGCTGCCTGAGGAATGT
 GAGCTCAGATGGTGCAGAGGCCCGCGCGACTCCGTGAGTGCAGAGGGCTGGTGGACGCTCTCCTACAT
 GCCCTGCAGTCACTGTGGCAGGAAAGACACAGATAATAAGTCAGTAGAGAACTGTGTGTGCATCATGC
 GGAACCTGTCCTACCACGTGCACAAAGAAGTCCAGGGGCTGACAGGTACCAGGAGCAGAGCCTGGGAT
 CCCGGGCAGCACAACTCCAGCGACGGAGGAAGGATGACGCCAGCTGCTTTGGTGGCAAGAAAGCAAAA
 GGAAGAAGGATGCAGAGATGGACCGAACTTTGACACTGGACCTGCCTAACGAACGGAGGCTGCAA
 AAGGCTTCGAGCTGCTGTACCAGCCGGAGGTGGTACGTCTACCTCTACTCCTTACGGAGAGCCGAA
 CTTCAACACCCTGGAAGCTGCAGCCGGTCCCTGCAAAACCTCAGTGTGGCAACTGGACGTGGGCCACG
 TACATCCGTGCCACAGTGCAGCAAGGAACGTGGGCTGCCAGTACTGGTGGAACTGCTACAGTCTGAGACCG
 ACAAGGTGGTGGCGCTGTAGCCATCGCGCTGCCAACCTCTACTAGACCAGCGGAACAAAGACCTCAT
 CCGGAGCTATGCCATGACAGAGCTGGTTCGGAATGTTGCAATGCACAGGCTCCCGCTCACCCAGTGCC
 CACCTGGAGGAGGATACTGTGGTTCGGTGTCTCAACACCATCCATGAGATCGTGTCCGACAGCCTGGACA
 ATGCTCGCTCCCTCCTGCAGGCCGTGGTGTGCCTGCCCTGGTAGCACTTGTGGCCTCCAGCCAGTCAGT
 CGGGGAGGCCAAGGCAGCATCACAGTGTACAGACTGTATGGAGCTACAAGGAGCTGCGTGGAGCCCTG
 CAGAGGGATGGCTGGACGAAGTACGCTTCCAGTCTGTAGCACTGCCAAAGGACCCAAAGGACACCAA
 GTTCTGGCGCTTTGATGACAGCACACTGCCACTGGTAGACAAGAGCCTTGATGGGGAGAAGTCAAACAC
 CCGGGATGTATCCCATGGATACCCTTGGTCCAGATGGTTACGCCACAGTTGACCCGAGGGAGAGGAGG
 ACACTGGCAGTACTCCACAGGGGACACTCTGAGAAAGAACTATTGAGACCCGATCCTGGCAGGAAGG
 CCCCTCCGCTGGGCCAGCAGGCCCTCGGTGAGGCTGGTGGACGCCGTGGGGGACACTAAGCCTCAGCC
 TGTGACTCCTGGGT**TAG**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001272032

Insert Size:	2679 bp
OTI Disclaimer:	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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001272032.1</u> , <u>NP_001258961.1</u>
RefSeq Size:	4312 bp
RefSeq ORF:	2679 bp
Locus ID:	11877
UniProt ID:	<u>P98203</u>
Cytogenetics:	16 11.37 cM
Gene Summary:	<p>Involved in protein-protein interactions at adherens junctions.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (6) differs in the 5' UTR, has multiple coding region differences, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (4) has a distinct N-terminus and is shorter, compared to isoform 1.</p>