

Product datasheet for **MC229136**

Arvcf (NM_001272031) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arvcf (NM_001272031) 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: >MC229136 representing NM_001272031
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGGCGAACTCAGACAGGAGCAGAGCCCGGGTAGCCAGGCATCGCTGGCCACGATGCCAGAGGCAC
 CCGAGGTAAGGAGAGACAGTACTGTGGAGGAAGACCCTGGCACCCACCTCTCACGTGCCATCGT
 CACATCAGAAGATGGTACAACCCGGCGGACTGAGACTAAGGTCACTAAGACGGTCAAGACTGTGACCACA
 AGGACAGTACGCCAGGTGCCCTTTGGGCCAGATGGACTCCCTTGCTGGACGGCGGCCCTCCACTTGGCT
 CTTTTGCTGACGGGCCCTGGACCGCATTACCTACTTCTGGTGGTGGTGGTCCAGCAGCCACACTCTC
 CCGAACCTACCACAGCAGTGGAGGTGGCTTTCCCGATGGCCCGAGTCCCGTGATATCCAAGCTATGGC
 AGCTTGTCCCGAGGGCTCGGGTACGGCCACCAGTACTGGCTCCTGGGCCAGGACCTGGTATGGCT
 GTTTCACACTGCCTGGCCGCCGAGAAGCCTTCCCATGGGCTCTGAATCCGGACCACCAAGCGGCCGCTC
 TCTGCCTGAGCATTCCAAGCTGAACCATATGGCTGGAGGATGATACACGGAGCCTGGCTGCGGATGAT
 GAGGGTGGCCCCGACCTGGAGCCTGACTATAGCACGGCAACCCGAGAAGACCTGAGTACGGCGGGGCC
 TTCGTGCCAGGGCCTTTGAAGACACAGCAGATGATGCTGGTGGCTGATAGAAGAGCGTCCCCATTTC
 AGCAGAACAGCCCTCTGGCCAGCCTGAGAGGGCAGCCTGGGCAGCTTGGACCGAGTGTGCGGCGC
 TCACCTTCAGTGGATAGCACCCGCAAGGAGCCACGCTGGCGGGACCCCGAGCTGCCAGAGGTGTTGGCCA
 TGCTGCGGCACCTGTGGACCCTGTGAAAGCCAATGCTGCAGCCTACCTGCAGCCTCTGCTTTGAGAA
 CGAGGGTATTAAGCGCGAGTGGCGCAGCTGCTGGGCTCCCCCTGCTTGGCATTACTAGATCACCT
 CGGGCTGAGGTGGCGCCGGCCCTGTGGGCACTGCCAACCTCTCTATGGCCGGGACTGACAACA
 AGGCCGCATCCGGGACTGCGGGGGCTGCCAGCCTGGTGGCCTACTGCGGGCGGCCGTTGACAATGA
 GGTCCGTGAGCTGGTCACTGGCACACTTGGAACCTGTATCCTACGAGCCCTGAAGATGGTCATCATT
 GACCACGGCTTACAGACTCTGACCATGAGGTCATCGTGGCCATTCCGGCTGGGAGCGAGGCCTAACG
 AAGACTCGAAGCCCGGGATGCCGAGTGGACAACAGTCTTCAAGAACACATCAGGCTGCCTGAGGAATGT
 GAGCTCAGATGGTGCAGAGGCCCGCGGCGACTCCGTGAGTGCAGAGGGCTGGTGGACGCTCTCCTACAT
 GCCCTGCAGTCACTGTGGCAGGAAAGACACAGATAATAAGTCAGTAGAGAACTGTGTGCATCATGC
 GGAACCTGTCCTACCACGTGCACAAAGAAGTCCAGGGGCTGACAGGTACCAGGAGCGAGCCTGGGAT
 CCCGGGCAGCACAACTCCAGCGACGGAGGAAGGATGACGCCAGCTGCTTTGGTGGCAAGAAAGCAAAA
 GAGGAGTGGTCCATCAAGGGAAGAAGGATGCAGAGATGGACCGAACTTGGACACTGGACCTGCCTA
 AACGAACGGAGGCTGCAAAAGGCTTCGAGCTGCTGTACCAGCCGAGGTGGTACGCTCTACCTCTCACT
 CCTTACGGAGAGCCGAACTTCAACACCCTGGAAGCTGCAGCCGGTGCCTGCAAAACCTCAGTGTGGC
 AACTGGACGTGGGCCACGTACATCCGTGCCACAGTGCAGCAAGGAACGTGGGCTGCCAGTACTGGTGGAA
 TGCTACAGTCTGAGACCGACAAGGTGGTGGCGCTGTAGCCATCGCGCTGCGCAACCTCTCACTAGACCA
 GCGGAACAAAGACCTCATCGGGAGCTATGCCATGACAGAGCTGGTTCGGAATGTTTCGCAATGCACAGGT
 CCCGCTCACCCAGTGCCACCTGGAGGAGGATACTGTGGTTCGCGTGTCAACACCATCCATGAGATCG
 TGTCCGACAGCTGGACAATGCTCGCTCCCTCCTGCAGGCCGTGGTGTGCTGCCCTGGTAGCACTTGT
 GGCCTCCAGCCAGTCACTGCGGGAGGCCAAGGCAGCATCACAGTGTACAGACTGTATGGAGTACAAG
 GAGCTGCGTGGAGCCCTGCAGAGGGATGGCTGGACGAAGTCACGCTTCCAGTCTGCTAGCACTGCCAAAG
 GACCCAAAGGGACACCAAGTTCTGGCGCTTTGATGACAGCACACTGCCACTGGTAGACAAGAGCCTTGA
 TGGGGAGAAGTCAAACACCCGGGATGTGATCCCATGGATACCCTTGGTCCAGATGGTTACGCCACAGTT
 GACCGGAGGGAGAGGAGGACTGGCAGTACTCCACAGGGGACACCTCTGAGAAAGAACTATTGAGAC
 CCGATCCTGGCAGGAAGGCCCTCCGCTGGGCCAGCAGGCCCTCGGTGAGGCTGGTGGACGCCGTGG
 GGACACTAAGCCTCAGCCTGTTGACTCCTGGGT**CTAG**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001272031

Insert Size:	2697 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_001272031.1</u> , <u>NP_001258960.1</u>
RefSeq Size:	4330 bp
RefSeq ORF:	2697 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 (5) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (3) has a distinct N-terminus and is shorter, compared to isoform 1.</p>