

Product datasheet for **MC229219**

Arvcf (NM_001272030) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arvcf (NM_001272030) 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: >MC229219 representing NM_001272030
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGACTGCAACGTGCATTCGCGCCAGCATTGCGCTCGGTGAAGGAACAGGAGGCCGTTTCG
 AGCGGCTGACACGGGCACTAGAACAAGAACGGCGCATGTTGCCCTGCAGCTGGAGCGTGCCAGCAGCC
 TGGCATGAGCAGTGGTGGTATGGTGGGAGTGGGAGCCCTGCCAATGGCTGGCAGCAGCTGGTTCTG
 CAGGAGCAGAGCCGGGTAGCCAGGCATCGCTGGCCACGATGCCAGAGGCACCCGAGGACTGGAGGAGA
 CAGTGACTGTGGAGGAAGACCCTGGCACCCACCTCTCACGTGCCATCGTCACATCAGAAGATGGTAC
 AACCCGGCGGACTGAGACTAAGGTCACTAAGACGGTCAAGACTGTGACCACAAGGACAGTACGCCAGGTG
 CCTTTGGGCCAGATGGACTCCCCTTGTGGACGGCGGCCCTCCACTGGCTCTTTTGTGACGGGCCCC
 TGGACCGCATTACCTACTTCGTGGTGGTGGTCCAGCAGCCACACTCTCCGAACCTACCACAGCAG
 TGGAGGTGGCTTCCCGATGGCCCCGAGTCCCGTGATATTCGAAGCTATGGCAGCTTGTCCCGAGGGCTC
 GGGGTACGGCCACCACGTAAGTGGCTCCTGGGCCAGGACCTGGTGATGGCTGTTTCACACTGCCTGGCC
 GCCGAGAAGCCTTCCCATGGGCTCTGAATCCGGACCACCAAGCGGCCGCTCTCTGCCTGAGCATTTCCA
 AGCTGAACCATATGGCTGGAGGATGATACACGGAGCCTGGTGCGGATGATGAGGGTGGCCCCGACCTG
 GAGCCTGACTATAGCACGGCAACCCGGAGAAGACCTGAGTACGGGCGGGCCCTTCGTGCCAGGGCCTTTG
 AAGACACAGCAGATGATGCTGGTGGTGGTGGTGGTCCAGCAGCCACACTCTCCGAACCTACCACAGCAG
 GGCCAGCCTGAGAGGGGAGCCTGGGACGCTTGGACCGAGTGTGCGGCGCTCACCTTCAGTGGATAGC
 ACCCGAAGGAGCCACGCTGGCGGGACCCGAGCTGCCAGAGGTGTTGGCCATGCTGCGGACCCCTGTGG
 ACCCTGTGAAAGCCAATGCTGCAGCCTACCTGCAGCACCCTGCTTTGAGAAGCAGGGGATTAAGCGGGC
 AGTGCAGGAGCTGCGTGGGCTCCCTGCTTGTGGCATTACTAGATCACCTCCGGCTGAGGTGCGGCGC
 CGGGCCTGTGGGCACTGCGCAACCTCTCTATGGCCGGGATACTGACAACAAGGCCCATCCGGGACT
 GCGGGGCGTGCCAGCCCTGGTGCCTACTGCGGGCGGCCGTTGACAATGAGGTCCGTGAGCTGGTCCAC
 TGGCACACTCTGGAACCTGTCATCTACGAGCCCTGAAGATGGTTCATCATTGACCACGGCTTACAGACT
 CTGACCCATGAGGTATCGTGCCCATTCGGCTGGGAGCGAGAGCCTAACGAAGACTCGAAGCCCCGGG
 ATGCCGAGTGGACAACAGTCTTCAAGAACACATCAGGCTGCCTGAGGAATGTGAGCTCAGATGGTGCAGA
 GGCCCGGGCGGACTCCGTGAGTGCAGGAGGCTGGTGGACGCTCTCTACATGCCCTGCAGTCACTGTG
 GGCAGGAAAGACACAGATAATAAGTCAGTACAGAACTGTGTGTGCATCATGCGGAACCTGTCTACCACG
 TGCACAAAGAAGTTCAGGGGCTGACAGGTACCAGGAGGCAGAGCCTGGGATCCCGGGCAGCACAACTC
 CCAGCGACGGAGGAAGGATGACGCCAGTGCTTTGGTGGCAAGAAAGCAAAGGGGAAGAAGGATGCAGAG
 ATGGACCGGAACCTTGGACACTGGACCTGCCTAAACGAACGGAGGCTGCAAAAGGCTTCGAGCTGCTGT
 ACCAGCCGGAGGTGGTACGTCTCTACCTCTCACTCCTTACGGAGAGCCGGAACCTCAACACCCTGGAAGC
 TGCAGCCGGTGCCTGCAAAACCTCAGTGTGGCAACTGGACGTGGGCCACGTACATCCGTGCCACAGTG
 CGCAAGGAACGTGGGCTGCCAGTACTGGTGGAACTGCTACAGTCTGAGACCGACAAGGTGGTGGCGCTG
 TAGCCATCGCGCTGCGCAACCTCTCACTAGACCAGCGGAACAAAGACCTCATCGGGAGCTATGCCATGAC
 AGAGCTGGTTCGGAATGTTTCGCAATGCACAGGCTCCCGCTCACCCAGTGCCACCTGGAGGAGGATACT
 GTGGTTGCCGTGCTCAACACCATCCATGAGATCGTGTCCGACAGCCTGGACAATGCTCGCTCCCTCTGC
 AGGCCCGTGGTGTGCCTGCCCTGGTAGCACTTGTGGCCTCCAGCCAGTCACTGCGGGAGGCCAAGGCAGC
 ATCACACGTGCTACAGACTGTATGGAGCTACAAGGAGCTGCGTGGAGCCCTGCAGAGGGATGGTGGACG
 AAGTCACGCTTCCAGTCTGCTAGCACTGCCAAAGGACCCAAAGGGACACCAAGTCTGGCGGCTTTGATG
 ACAGCACACTGCCACTGGTAGACAAGAGCCTTGTGGGAGAAAGTCAAACACCCGGGATGTGATCCCAT
 GGATACCCTTGGTCCAGATGGTTACGCCACAGTTGACCGAGGGAGAGGAGGACTGGGCAGTGACTCC
 ACAGGGGACACCTCTGAGAAAGAACTATTGAGACCCGATCCTGGCAGGAAGGCCCTCCGCTGGGCCCA
 GCAGGCCCTCGGTAGGCTGGTGGACGCGTGGGGGACACTAAGCCTCAGCCTGTTGACTCCTGGGTCTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001272030
Insert Size:	2871 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:	NM_001272030.1 , NP_001258959.1
RefSeq Size:	4569 bp
RefSeq ORF:	2871 bp
Locus ID:	11877
UniProt ID:	P98203
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 (4) differs in the 5' UTR and in the coding region but maintains the 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>