

## Product datasheet for **SC210648**

### ARVCF (NM\_001670) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ARVCF (NM\_001670) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ARVCF  
**ACCN:** NM\_001670  
**Insert Size:** 890 bp  
**Insert Sequence:** >SC210648 3'UTR clone of NM\_001670

The sequence shown below is from the reference sequence of NM\_001670. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGCCTCAGCCGTTGATTCTGGGTCTAGCTTGCATGCCTGGGCCAGGCCAGCCTCTTGTCTTAG
GGCTTGGATCGTGAAGAAGGGCCACCCTGAGCAGATCGTGCCGTGGAGCTTGGAGCCCCCTGGCGCA
GGGGTTGGCAGCGCCTCGCCCCAGCCAAGCCTGACTTTGGGGACACCCTCTGCCCCCCACCCACTC
CCCCATCCTACCTAACTCCCTAGGCCTGAGTTAGCTGTTTACTGACATGGTGCTGTGTGTGAGCGAGT
GACAGAAGGCCCGAGGAGGCCGACTGGGCTGCTGGGGCAGGGCCAGGGAGGTGGCAGGGAAGGGTGCC
TGGCTGGGCTTTGGGGCTGGTGGGATAGGAGGGTGCCCTGGGAACACAGTGCCCCAGTGGTGCGGGCC
AGGTCTGGCGCCAGGGGCAGGCAGCTAGGCAGGGAGGGGGCTGGGAAAGAACTTGGACTTCTAAAGGCG
GAGGGTCTCCCTGGGCACCCTGCAGGCAGGCAGCACCGGTGTGGGGGTGCCCCACAAGGCCAGCCC
TGGGCAAGGAAGCTTTGGAAGCAGCAAGGTGGGGTCAAGGCTACAGGTGCCCCACCTCCCAGAGCCCT
GCAGTACAGTGAGGCCCTGTGCAGTAGAGAGCCTTCTCCAGCCATGCTGGCTGGGGCCGGGGCTGC
CGCATCTGCCTGGAGCCTGGGCAGCACCTCCGGGACTGACCTTCGGCAGTGGCTGGGGGACTGCTTCA
GTGCTGCTGTTCTGTGACTCAGAAACAGAAGAAAAACTGAGAAAAAGCATTAAAAATAAGCCAAAAT
AAGACTATTGGTAAACACCTAAATTTTTTAAGAAAAATTAATAAGCAGCAAAGGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_001670.3</a></u>
<b>Summary:</b>	Armadillo Repeat gene deleted in Velo-Cardio-Facial syndrome (ARVCF) is a member of the catenin family. This family plays an important role in the formation of adherens junction complexes, which are thought to facilitate communication between the inside and outside environments of a cell. The ARVCF gene was isolated in the search for the genetic defect responsible for the autosomal dominant Velo-Cardio-Facial syndrome (VCFS), a relatively common human disorder with phenotypic features including cleft palate, conotruncal heart defects and facial dysmorphism. The ARVCF gene encodes a protein containing two motifs, a coiled coil domain in the N-terminus and a 10 armadillo repeat sequence in the midregion. Since these sequences can facilitate protein-protein interactions ARVCF is thought to function in a protein complex. In addition, ARVCF contains a predicted nuclear-targeting sequence suggesting that it may have a function as a nuclear protein. [provided by RefSeq, Jun 2010]
<b>Locus ID:</b>	421
<b>MW:</b>	30.9