

## Product datasheet for **SC107964**

### ARRDC2 (NM\_015683) Human Untagged Clone

#### Product data:

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                               |
| Product Name:             | ARRDC2 (NM_015683) Human Untagged Clone                                                           |
| Tag:                      | Tag Free                                                                                          |
| Symbol:                   | ARRDC2                                                                                            |
| Synonyms:                 | CLONE24945; PP2703                                                                                |
| Mammalian Cell Selection: | None                                                                                              |
| Vector:                   | <u>pCMV6-XL4</u>                                                                                  |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                            |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_015683, the custom clone sequence may differ by one or more nucleotides |

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ATGCTATTCGACAAGGTGAAAGCGTTCTCGGTGCAGTTGGACGGCGCGACCGCGGGCGTCTGAGCCCGTGT
TTAGCGGCGGCCAGGCCGTGGCGGGCCGGGTGCTGCTGGAGCTGTCAAGCGCCGCGCGTGTGGGTGCCCT
GAGGCTGCGCGCGCGGGGCCGCGCCACGTGCACTGGACCGAGTCGCGCAGCGCGGGCTCGAGCACGGCT
TACACGCAGAGCTACAGTGAACGCGTGGAGGTCGTGAGCCACCGCGCCACGCTCCTGGCGCCAGATACCG
GGGAGACCACGACGCTGCCTCCTGGGCGCCATGAGTTCCTGTTTCAGCTTCCAGCTGCCCCGACCCTGGT
GACATCCTTCGAGGGCAAACACGGTAGTGTCCGCTACTGTATCAAGGCCACCCTGCACCGGCCCTGGGTC
CCAGCACGCCGGCAAGGAAGGTGTTCACTGTCATCGAGCCTGTGGACATCAACACGCCAGCCCTGCTGG
CACCTCAAGCGGGGCTCGGGAAAAGTTGCCCGATCCTGGTACTGTAACCGTGGCCTAGTCTCCCTTTC
GGCCAAGATCGACCGCAAGGGCTACACCCAGGAGAGGTATCCCTGTCTTTGCCGAGATCGACAACGGC
TCCACACGTCCTGTGCTGCCTCGGGCAGCCGTGGTGCAGACACAGACGTTTCATGGCCGAGGCGCCGAA
AGCAGAAACGGGCAGTGGTGGCCAGCCTCGCGGGCAGCCGGTGGGCCCCGGGCAGCGGGCGCTGTGGCA
GGGCGGGGCACTGCGGATCCCCCAGTGGGTCTTCCATCCTGCACTGCCGCTTCTACACGTGGACTAC
GCACTCAAGGTCTGTGTGGATATCCAGGAACGTCCAAGTCTGCTGGAGCTGCCACTGGTGATCGGCA
CCATTCCCTTGCACCCTTTTGGCAGCCGTTCTCCAGCGTGGGCGCCAGCCAGCTTCTGCTGGACTG
GAGGCTGGGGCCTTGGCGGAGCGGCCTGAGGCTCCTCCTGAGTACTCGGAGGTGGTAGCCGACACTGAG
GAGGCAGCCTTGGGCGAGAGCCCTTCCCGCTTCCGAGGACCCCGACATGAGCCTTGAAGGCCCGTTCT
TCGCCTACATCCAAGAGTTCGCTACCGCCCGCCACCCCTGTACTCTGAGGAGGATCCAAACCCACTCTT
GGGGGACATGAGGCCGCGCTGCATGACTTGCTGA
  
```


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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_015683 unedited  
 AAGTAGAGAAAAAACAGATTTTATATAGGCGGCCGCGCAATTCGCACGAGCCGGCGCC  
 GGTTTAAGTTCGCCGGGGGGNCCCGGTAGCAAGCTTGGGGGACGCGACGGNGGAAACG  
 CGGAAACCCCGGGGATCTGCAGGCGCGCCCGGGCCGTGTGCCTTCTCTCCGCGTGTCAA  
 ACCGTGTCCCCAGCCGCGCGCCATGCTCTCTGGGGCGTGCAGCTTCGCGCTGGAGCT  
 GGCGCGGGGGCCGGGCGCGCTACCGCGGCGGGGAGCGGCTGTGCGGCCGGGTGCTGCT  
 GGAGCGGCGGCGCCGCTGCGGGTGCAGCGCTCGAGGTGAAGGCGCGCGGGCGGGC  
 CACCCACTGGTTGAGGGTGCAGCGTGGGCGTCAACGCCGTATCCAGCGACTACGCGGC  
 CGCGGAGACCTACCTGCGCGCTCGGCAGCTGCTGCTCCGAGATACCGGGGAGACCACGAC  
 GCTGCCTCCTGGGCGCCATGAGTTCCTGTTTCTGAGCTTCAGCTGCCCCGACCCTGGTGAC  
 ATCCTTCGAGGGCAACACGGTAGTGTCCGCTACTGTATCAAGGCCACCCTGCACCGGCC  
 CTGGGTCCAGCAGCGCGGGCAAGGAAGGTGTTCACTGTCATCGAGCCTGTGGACATCAA  
 CACGCCAGCCCTGCTGGCACCTCAAGCGGGGCTCGGGNAAAGGTTGCCCGATCCTGGTA  
 CTGTAACCGTGGCTAGTCTCCCTTTCCGCCAAGATCGACCGCAAGGGCTACACCCAGG  
 AGAAGTATTCTGTCTTTGCCGAGATCGACACGGCTCCACACGCTCTGTGCTGCCTCGG  
 GCAGCCGTGGTGACACAGACGTTTCATGGCCCGAGCCGCCGAAAGCAAAACCGGCAA  
 TGTGGCCCCCGCGGGCGCAG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_015683 unedited  
 GTACCGCGGGCCGAATTTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTCTTCTCCACAC  
 GTTTACTTTTAAAAATAATTGTACAAAACAGAATGAATCTTAAGGCATATCAGAAATG  
 CTGAGTCCAGGCCGGGGCCCTGCCCCAGCCAGGGCTGGGACTCTGCAGTTGGGAGCTTG  
 TCCAGCTGCCCTCTAATGCTTTTCTCTCCAGGACACAGGGAGCCTCCGGAAGCACAG  
 TAGTCCCGTGTGTACCTTAGGCTGACCTCTGTCCCAGGGGTGACGTAAATGCTGTAC  
 TGTCTTGAATTCTTCATCGTTTAAACAGGGAGCCAGTGTCTTCACTTTGCACATTGGGTA  
 TCTGGTCTTGCTGTCTACCTGAACCTGGGTCCCTGGGCCATGTAACACCCAGGCAG  
 CTCTGATGCCCCTGGGTACTTGGAGGAGCTCCAGGAAGTCCAAGCCTGCGCCAGGAATC  
 TCTGGCTTTCAAAGTCTTCAAAGGCTGGAGCGGCTGCCCTGCCACCCACAGACTCCACA  
 TAGCTCTGACAACCTGCTTCTGAACGCTCGTTCCTGGGTCTTTACCCACCCAGACC  
 TCACTGTGTGGCTCAACTCTGAGGCACCTGCCCTCTGAACCCCCAGTTCTACAATAAA  
 CGGGGGTGGATTCAAACGTCACTCAGCTCTGACCTTCTGACCTTTATTCTCTATTCTG  
 TCTGCCTGTGAGCTCCTATTCTGACTCAAAGCCTCAGCTAAATGCCCTTTTCCGCAA  
 GCGCCTTCTCTGGTTCCTGTCTGGACTCTNACAGTTGCAGGTCTCCTCTCTGTCTCG  
 GATGCTGGAAGTGTCTATGNCTGGCTCTGGTTTTCCAAATGNAGGCTCTAGGGGATCC  
 ACCCCCCATTGGCTGGGAAGACAGGTATTAACAGCTTCCGACCTGACATGGCATCAA  
 TGCCTCAAAGGCAAGGTCCAGTN

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_015683

**Insert Size:**

2700 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).

**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:**

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\\_015683.1](#), [NP\\_056498.1](#)

**RefSeq Size:** 2518 bp

**RefSeq ORF:** 1224 bp

**Locus ID:** 27106

**UniProt ID:** [Q8TBH0](#)

**Cytogenetics:** 19p13.11

**Domains:** arrestin