

# ARRDC1 cDNA

Catalog Number: ATGD0406

## PRODUCT INFORMATION

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**Catalog number**

ATGD0406

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_689498.1

**Alternative Names**

**mRNA Refseq**

NM\_152285.2

**OMIM**

**Chromosome location**

9q34.3

## PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

1302bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted Nde I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

ARRDC1 ARRDC2 (which exists as multiple alternatively spliced isoforms), ARRDC4 and ARRDC5 are arrestin domain-containing proteins that are encoded by genes which map to human chromosomes 9, 15 and 19.

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## DATA

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### Sequence nucleotides

ATGGGGCGAGTGCAGCTCTTCGAGATCAGCCTGAGCCACGGCCGCGTCGTCTACAGCCCCGGGGAGCCGTTGGCTGGGAC  
CGTGCGCGTGCGCCTGGGGGCACCGCTGCCGTTCCGAGCCATCCGGGTGACCTGCATAGGTTCTGCGGGGTCTCCAACA  
AGGCTAATGACACAGCGTGGGTAGTGGAGGAGGGTACTTCAACAGTTCCTGTGCTGCGCTGGCAGACAAGGGGAGCCTGCC  
GCTGGAGAGCACAGCTTCCCCTTCCAGTTCCTGCTTCTGCCACTGCACCCACGTCCTTTGAGGGTCTTTTCGGAAGATCG  
TGCACCAGGTGAGGGCCGCCATCCACACGCCACGGTTTTCCAAGGATCACAAGTGCAGCCTCGTGTTCTATATCTTGAGCC  
CCTTGAACCTGAACAGCATCCCAGACATTGAGCAACCCAACGTGGCCTCTGCCACCAAGAAGTTCTCTACAAGCTGGTGAA  
GACGGGCAGCGTGGTCTCACAGCCAGCACTGATCTCCGCGGCTATGTGGTGGGGCAGGCACTGCAGCTGCATGCCGACG  
TTGAGAACCAGTCAGGCAAGGACACCAGCCCTGTGGTGGCCAGTCTGCTGCAGAAAGTGTCTATAAGGCCAAGCGCTGG  
ATCCACGACGTACGGACCATTGCGGAGGTGGAGGGTGGGGCGTCAAGGCCTGGCGGGCGGGCGCAGTGGCACGAGCAGA  
TCCTGGTGCCTGCCTTGGCCAGTCCGCGGCTGCAGCCTCATCCACATCGACTACTACTTACAGGTCTCTCTGAA  
GGCGCCGGAAGCTACTGTGACCCTCCCGGTCTTCATTGGCAATATTGCTGTGAACCATGCCCCAGTGAGCCCCGGCCAGG  
CCTGGGGCTGCCTCCTGGGGCCCCACCCCTGGTGGTGCCTTCCGCACCACCCAGGAGGAGGCTGAGGCTGAGGCTGCG  
GCTGGCGGCCCCCACTTCTGGACCCCGTCTTCTCTCCACCAAGAGCCATTCGCAGCGGCAGCCCCTGCTGGCCACCTTG  
AGTTCTGTGCTGGTGCGCCGGAGCCCTGCCCTCAGGATGGCAGCCCTGCCTCACACCCGCTGCACCCTCCCTTGTGCATT  
TCAACAGGTGCCACTGTCCCCTACTTTGCAGAGGGCTCCGGGGGGCCAGTGCCCACTACCAGCACCTTGATTCTTCTCCA  
GAGTACAGTTCTTGGGGCTACCCCTATGAGGCCCCACCGTCTTATGAGCAGAGCTGCGGCGGCGTGGAACCCAGCCTGAC  
CCCTGAGAGCTGA

### Transaction Sequence

MGRVQLFEIS LSHGRVVYSP GEPLAGTVRV RLGAPLPFRA IRVTCIGSCG VSNKANDTAW VVEEGYFNSS LSLADKGLP  
AGEHSFPFQF LLPATAPTSF EGPFKIVHQ VRAAIHTPRF SKDHKCSLVF YILSPLNLNS IPDIEQPNVA SATKKFSYKL  
VKTGSVVLTA STDLRGYVVG QALQLHADVE NQSGKDTSPV VASLLQKVS Y KAKRWIHDVR TIAEVEGAGV KAWRRAQWHE  
QILVPALPQS ALPGCSLIHI DYYLQVSLKA PEATVTLPVF IGNI AVNHAP VSPRPGLGLP PGAPPLVPS APPQEEAEAE  
AAAGGPHFLD PVFLSTKSHS QRQPLLATLS SVPGAPEPCP QDGSPASHPL HPPLCISTGA TVPYFAEGSG GPVPTTSTLI  
LPPEYSSWGY PYEAPPSYEQ SCGGVEPSLT PES