

ARRDC1 cDNA

Catalog Number: ATGD0406

PRODUCT INFORMATION

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

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

Sequence nucleotides

ATGGGGCGAGTGCAGCTCTTCGAGATCAGCCTGAGCCACGGCCGCGTCGTCTACAGCCCCGGGGAGCCGTTGGCTGGGAC
CGTGCGCGTGCGCCTGGGGGCACCGCTGCCGTTCCGAGCCATCCGGGTGACCTGCATAGGTTCTGCGGGGTCTCCAACA
AGGCTAATGACACAGCGTGGGTAGTGGAGGAGGGTACTTCAACAGTTCCTGTGCTGCGCTGGCAGACAAGGGGAGCCTGCC
GCTGGAGAGCACAGCTTCCCCTTCCAGTTCCTGCTTCTGCCACTGCACCCACGTCCTTTGAGGGTCTTTTCGGAAGATCG
TGCACCAGGTGAGGGCCGCCATCCACACGCCACGGTTTTCCAAGGATCACAAGTGCAGCCTCGTGTTCTATATCTTGAGCC
CCTTGAACCTGAACAGCATCCCAGACATTGAGCAACCCAACGTGGCCTCTGCCACCAAGAAGTTCTCCTACAAGCTGGTGAA
GACGGGCAGCGTGGTCTCACAGCCAGCACTGATCTCCGCGGCTATGTGGTGGGGCAGGCACTGCAGCTGCATGCCGACG
TTGAGAACCAGTCAGGCAAGGACACCAGCCCTGTGGTGGCCAGTCTGCTGCAGAAAGTGTCTATAAGGCCAAGCGCTGG
ATCCACGACGTACGGACCATTGCGGAGGTGGAGGGTGGGGCGTCAAGGCCTGGCGGGCGGGCGCAGTGGCACGAGCAGA
TCCTGGTGCCTGCCTTGGCCAGTCCGCGGCTGCAGCCTCATCCACATCGACTACTACTTACAGGTCTCTCTGAA
GGCGCCGGAAGCTACTGTGACCCTCCCGGTCTTCATTGGCAATATTGCTGTGAACCATGCCCCAGTGAAGCCCCGGCCAGG
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 IGNIAVNHAP VSPRPGLGLP PGAPPLVPS APPQEEAEAE
AAAGGPHFLD PVFLSTKSHS QRQPLLATLS SVPGAPEPCP QDGSPASHPL HPPLCISTGA TVPYFAEGSG GPVPTTSTLI
LPPEYSSWGY PYEAPPSYEQ SCGGVEPSLT PES