

ARL2 cDNA

Catalog Number: ATGD0195

PRODUCT INFORMATION

Catalog number

ATGD0195

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001658.1

Alternative Names

ARFL2

mRNA Refseq

NM_001667.1

OMIM

601175

Chromosome location

11q13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

555bp

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 BamH 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

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ARL2 encodes a small GTP-binding protein of the RAS superfamily which functions as an ADP-ribosylation factor (ARF). The encoded protein is one of a functionally distinct group of ARF-like genes.

DATA

Sequence nucleotides

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ATGGGGCTCCTGACCATTCTGAAGAAGATGAAGCAGAAAGAGCGGGAGCTGCGACTGCTCATGCTTGGCCTGGACAATGC
TGAAAAGACAACCATCCTGAAGAAGTTCAATGGGGAGGACATCGACACCATCTCCCAACGCTGGGCTTCAACATCAAGAC
CCTGGAGCACCGAGGATTCAAGCTGAACATCTGGGATGTGGGTGGCCAGAAGTCCCTGCGGTCCTACTGGCGGAACTACTT
TGAGAGCACCGATGGCCTCATCTGGGTAGTGGACAGCGCAGACCGCCAGCGCATGCAGGACTGCCAGCGGGAGCTCCAG
AGCCTGCTGGTGGAGGAGCGCCTGGCCGGAGCAACCCTCCTCATCTTTGCTAATAAGCAGGACCTGCCTGGAGCACTGTCC
TCTAACGCCATCCGCGAGGCCCTGGAGCTGGACTCCATCCGCAGCCACCACTGGTGCATCCAGGGCTGCAGCGCCGTCAC
CGGGGAGAACCTGCTGCCGGGCATCGACTGGCTCCTGGATGACATTTCCAGCCGATTTTCACAGCTGACTGA
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Transaction Sequence

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MGLLTILKKM KQKERELRLL MLGLDNAGKT TILKKFNGED IDTISPTLGF NIKTLEHRGF KLNIWDVGGQ KSLRSYWRNY
FESTDGLIWW VDSADRQRMQ DCQRELQSLV VEERLAGATL LIFANKQDLP GALSSNAIRE ALELDSIRSH HWCIQGCSAV
TGENLLPGID WLLDDISSRI FTAD
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