

U2AF1L4 cDNA

Catalog Number: ATGD0449

PRODUCT INFORMATION

Catalog number

ATGD0449

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001035515.1

Alternative Names

U2AF1-RS3, U2AF1L3, U2AF1L3V1, U2AF1RS3, U2af26, U2 small nuclear RNA auxiliary factor 1 like 4, U2(RNU2) small nuclear RNA auxiliary factor 1-like 3

mRNA Refseq

NM_001040425.2

OMIM

601080

Chromosome location

19q13.12

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

546bp

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)

U2AF1L4 cDNA

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General Description

U2AF1L4 is a RNA-binding protein that function as a pre-mRNA splicing factor. It plays a critical role in both constitutive and enhancer-dependent splicing by mediating protein-protein interactions and protein-RNA interactions required for accurate 3-splice site selection. U2AF1L4 acts by enhancing the binding of U2AF2 to weak pyrimidine tracts and also participates in the regulation of alternative pre-mRNA splicing.

DATA

Sequence nucleotides

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ATGGCTGAATATTTAGCTTCGATATTCGGGACTGAGAAGGACAAGGTTAACTGCTCTTTTTACTTTAAGATCGGGGTCTGCC
GGCACGGGGACCGGTGCTCCCGGCTTCACAACAAGCCGACATTCAGCCAGGAGGTGTTACAGAACTGCAGGAGAAGTAT
GGGGAGATTGAAGAGATGAATGTGTGCGACAACCTTGGGGACCACCTCGTGGGCAACGTCTATGTCAAGTTCCGGAGGGA
GGAGGATGGAGAGCGGGCCGTGGCTGAACTCAGTAACCGCTGGTTCAACGGGCAGGCTGTGCACGGTGAGCTGTCTCCTG
TCACTGACTTCCGGGAGTCATGCTGTGCGCCAGTATGAGATGGGGGAATGTACCCGAGGTGGCTTCTGCAACTTCATGCATC
TGCGGCCCATTTCCAGAACCTCCAGAGGCAGCTCTATGGGCGGGGACCCAGGCGCAGGTCACCCCCGAGGTTCCATACT
GGCCACCATCCCCGAGAGAGGAACCATCGGTGTTCCCCTGATCACTGGCATGGCCGCTTCTGA
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Transaction Sequence

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MAEYLASIFG TEKDKVNCSF YFKIGVCRHG DRCSRLHNKP TFSQEVFTEL QEKYGEIEEMNVCDNLGDHL VGNVYVKFRR
EEDGERAVAE LSNRWFNGQA VHGELSPVTD FRESCCRQYEMGECTRGGFC NFMHLRPISQ NLQRQLYGRG PRRRSPPRFH
TGHHPRERNH RCSPDHWHGRF
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