

## 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

Catalog Number: ATGD0449

### 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

```
ATGGCTGAATATTTAGCTTCGATATTCGGGACTGAGAAGGACAAGGTTAACTGCTCTTTTTACTTTAAGATCGGGGTCTGCC
GGCACGGGGACCGGTGCTCCCGGCTTCACAACAAGCCGACATTCAGCCAGGAGGTGTTACAGAACTGCAGGAGAAGTAT
GGGGAGATTGAAGAGATGAATGTGTGCGACAACCTTGGGGACCACCTCGTGGGCAACGTCTATGTCAAGTTCCGGAGGGA
GGAGGATGGAGAGCGGGCCGTGGCTGAACTCAGTAACCGCTGGTTCAACGGGCAGGCTGTGCACGGTGAGCTGTCTCCTG
TCACTGACTTCCGGGAGTCATGCTGTGCGCCAGTATGAGATGGGGGAATGTACCCGAGGTGGCTTCTGCAACTTCATGCATC
TGCGGCCCATTTCCAGAACCTCCAGAGGCAGCTCTATGGGCGGGGACCCAGGCGCAGGTCACCCCCGAGGTTCCATACT
GGCCACCATCCCCGAGAGAGGAACCATCGGTGTTCCCCTGATCACTGGCATGGCCGCTTCTGA
```

#### Transaction Sequence

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