

Product datasheet for RC203247L3

OriGene Technologies, Inc.

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U2AF35 (U2AF1) (NM_001025204) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: U2AF35 (U2AF1) (NM_001025204) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: U2AF35

Synonyms: FP793; RN; RNU2AF1; U2AF35; U2AFBP

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone

Sequence:

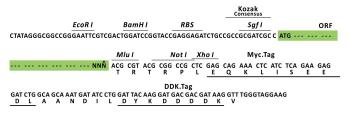
The ORF insert of this clone is exactly the same as(RC203247).

Restriction Sites:

ction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001025204

ORF Size: 501 bp





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OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001025204.1</u>, <u>NP 001020375.1</u>

21q22.3

 RefSeq Size:
 1038 bp

 RefSeq ORF:
 504 bp

 Locus ID:
 7307

 UniProt ID:
 Q01081

Cytogenetics:

Protein Families: Stem cell - Pluripotency

Protein Pathways: Spliceosome MW: 19.5 kDa

Gene Summary: This gene belongs to the splicing factor SR family of genes. U2 auxiliary factor, comprising a

large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. This gene encodes the small subunit which plays a critical role in both constitutive and enhancer-dependent RNA splicing by directly mediating interactions between

the large subunit and proteins bound to the enhancers. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]