

Product datasheet for RC212271L4V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

U2AF65 (U2AF2) (NM_007279) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: U2AF65 (U2AF2) (NM_007279) Human Tagged ORF Clone Lentiviral Particle

Symbol:U2AF65Synonyms:U2AF65

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_007279 **ORF Size:** 1425 bp

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC212271).

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.

RefSeg: NM 007279.2, NP 009210.1

 RefSeq Size:
 3148 bp

 RefSeq ORF:
 1428 bp

 Locus ID:
 11338

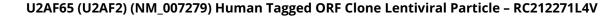
 UniProt ID:
 P26368

 Cytogenetics:
 19q13.42

Protein Pathways: Spliceosome

MW: 53.3 kDa







Gene Summary:

U2 auxiliary factor (U2AF), comprised of 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 U2AF large subunit which contains a sequence-specific RNA-binding region with 3 RNA recognition motifs and an Arg/Ser-rich domain necessary for splicing. The large subunit binds to the polypyrimidine tract of introns early during spliceosome assembly. Multiple transcript variants have been detected for this gene, but the full-length natures of only two have been determined to date. [provided by RefSeq, Jul 2008]