

## Product datasheet for **RC224893L4V**

### **U2AFIL3 (U2AFIL4) (NM\_001040425) Human Tagged ORF Clone Lentiviral Particle**

#### Product data:

<b>Product Type:</b>	Lentiviral Particles
<b>Symbol:</b>	U2AFIL3
<b>Synonyms:</b>	U2AFI-RS3; U2AFIL3; U2AFIL3V1; U2AFIRS3; U2af26
<b>Mammalian Cell Selection:</b>	Puromycin
<b>Vector:</b>	pLenti-C-mGFP-P2A-Puro (PS100093)
<b>Tag:</b>	mGFP
<b>ACCN:</b>	NM_001040425
<b>ORF Size:</b>	543 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as(RC224893).

**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.

<b>RefSeq:</b>	<a href="#">NM_001040425.1</a>
<b>RefSeq Size:</b>	792 bp
<b>RefSeq ORF:</b>	546 bp
<b>Locus ID:</b>	199746
<b>UniProt ID:</b>	<a href="#">Q8WU68</a>
<b>Cytogenetics:</b>	19q13.12



**MW:** 21.1 kDa

**Gene Summary:** RNA-binding protein that function as a pre-mRNA splicing factor. 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. Acts by enhancing the binding of U2AF2 to weak pyrimidine tracts. Also participates in the regulation of alternative pre-mRNA splicing. Activates exon 5 skipping of PTPRC during T-cell activation; an event reversed by GFII. Binds to RNA at the AG dinucleotide at the 3'-splice site (By similarity). Shows a preference for AGC or AGA (By similarity).[UniProtKB/Swiss-Prot Function]