

Product datasheet for **RC212271L2V**

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

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | U2AF65 (U2AF2) (NM_007279) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | U2AF65 |
| Synonyms: | U2AF65 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| 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. |
| RefSeq: | 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 |



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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 nature of only two have been determined to date. [provided by RefSeq, Jul 2008]