

## Product datasheet for **RC221772L3V**

### U2AF35 (U2AF1) (NM\_001025203) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	U2AF35 (U2AF1) (NM_001025203) Human Tagged ORF Clone Lentiviral Particle
Symbol:	U2AF1
Synonyms:	FP793; RN; RNU2AF1; U2AF35; U2AFBP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001025203
ORF Size:	720 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221772).
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. <a href="#">More info</a>
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:	<a href="#">NM_001025203.1</a> , <a href="#">NP_001020374.1</a>
RefSeq Size:	971 bp
RefSeq ORF:	723 bp
Locus ID:	7307
UniProt ID:	<a href="#">Q01081</a>
Cytogenetics:	21q22.3
Protein Families:	Stem cell - Pluripotency
Protein Pathways:	Spliceosome



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MW: 27.7 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]