

## Product datasheet for **MR218412L4V**

### U2af1 (NM\_024187) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	U2af1 (NM_024187) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	U2af1
Synonyms:	35kDa; 2010107D16Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024187
ORF Size:	717 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218412).
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_024187.4</a> , <a href="#">NP_077149.2</a>
RefSeq Size:	907 bp
RefSeq ORF:	720 bp
Locus ID:	108121
UniProt ID:	<a href="#">Q9D883</a>
Cytogenetics:	17 B1



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**Gene Summary:**

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. Recruits U2 snRNP to the branch point. Directly mediates interactions between U2AF2 and proteins bound to the enhancers and thus may function as a bridge between U2AF2 and the enhancer complex to recruit it to the adjacent intron (By similarity). [UniProtKB/Swiss-Prot Function]