

## Product datasheet for **RC216628L2V**

### **PLAG1 (NM\_002655) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	PLAG1 (NM_002655) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLAG1
Synonyms:	PSA; SGPA; SRS4; ZNF912
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002655
ORF Size:	1500 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216628).
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_002655.1</a>
RefSeq Size:	7338 bp
RefSeq ORF:	1503 bp
Locus ID:	5324
UniProt ID:	<a href="#">Q6DJT9</a>
Cytogenetics:	8q12.1
Domains:	zf-C2H2
Protein Families:	Transcription Factors



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MW: 55.9 kDa

**Gene Summary:** Pleomorphic adenoma gene 1 encodes a zinc finger protein with 2 putative nuclear localization signals. PLAG1, which is developmentally regulated, has been shown to be consistently rearranged in pleomorphic adenomas of the salivary glands. PLAG1 is activated by the reciprocal chromosomal translocations involving 8q12 in a subset of salivary gland pleomorphic adenomas. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]