

## Product datasheet for **RC215243L4V**

### **SAMD4A (NM\_015589) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SAMD4A (NM_015589) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SAMD4A
Synonyms:	SAMD4; SMAUG; SMAUG1; SMG; SMGA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015589
ORF Size:	2151 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215243).
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_015589.3</a>
RefSeq Size:	2356 bp
RefSeq ORF:	2157 bp
Locus ID:	23034
UniProt ID:	<a href="#">Q9UPU9</a>
Cytogenetics:	14q22.2
MW:	79.1 kDa



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**Gene Summary:**

Sterile alpha motifs (SAMs) in proteins such as SAMD4A are part of an RNA-binding domain that functions as a posttranscriptional regulator by binding to an RNA sequence motif known as the Smaug recognition element, which was named after the *Drosophila* Smaug protein (Baez and Boccaccio, 2005 [PubMed 16221671]).[supplied by OMIM, Mar 2008]