

## Product datasheet for **RC214427L4V**

### **SAMD9L (NM\_152703) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SAMD9L (NM_152703) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SAMD9L
Synonyms:	ATXPC; C7orf6; DRIF2; M7MLS1; UEF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152703
ORF Size:	4752 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214427).
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_152703.2</a>
RefSeq Size:	7133 bp
RefSeq ORF:	4755 bp
Locus ID:	219285
UniProt ID:	<a href="#">Q8IVG5</a>
Cytogenetics:	7q21.2
MW:	184.4 kDa



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**Gene Summary:**

This gene encodes a cytoplasmic protein that acts as a tumor suppressor but also plays a key role in cell proliferation and the innate immune response to viral infection. The encoded protein contains an N-terminal sterile alpha motif domain. Naturally occurring mutations in this gene are associated with myeloid disorders such as juvenile myelomonocytic leukemia, acute myeloid leukemia, and myelodysplastic syndrome. Naturally occurring mutations are also associated with hepatitis-B related hepatocellular carcinoma, normophosphatemic familial tumoral calcinosis, and ataxia-pancytopenia syndrome. [provided by RefSeq, Apr 2017]