

## Product datasheet for **RC210509L4V**

### **SAPS1 (PPP6R1) (NM\_014931) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SAPS1 (PPP6R1) (NM_014931) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SAPS1
Synonyms:	KIAA1115; PP6R1; SAP190; SAPS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014931
ORF Size:	2643 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210509).
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_014931.2</a> , <a href="#">NP_055746.2</a>
RefSeq Size:	3654 bp
RefSeq ORF:	2646 bp
Locus ID:	22870
UniProt ID:	<a href="#">Q9UPN7</a>
Cytogenetics:	19q13.42
Domains:	SAPS
MW:	96.7 kDa



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**Gene Summary:**

Protein phosphatase regulatory subunits, such as SAPS1, modulate the activity of protein phosphatase catalytic subunits by restricting substrate specificity, recruiting substrates, and determining the intracellular localization of the holoenzyme. SAPS1 is a regulatory subunit for the protein phosphatase-6 catalytic subunit (PPP6C; MIM 612725) (Stefansson and Brautigan, 2006 [PubMed 16769727]).[supplied by OMIM, Nov 2010]