

## Product datasheet for **RC212182L4V**

### SUV420h1 (KMT5B) (NM\_017635) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SUV420h1 (KMT5B) (NM_017635) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SUV420h1
Synonyms:	CGI-85; CGI85; MRD51; SUV420H1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017635
ORF Size:	2655 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212182).
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_017635.3</a>
RefSeq Size:	4562 bp
RefSeq ORF:	2658 bp
Locus ID:	51111
UniProt ID:	<a href="#">Q4FZB7</a>
Cytogenetics:	11q13.2
Domains:	SET
Protein Families:	Druggable Genome



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**Protein Pathways:** Lysine degradation

**MW:** 99 kDa

**Gene Summary:** This gene encodes a protein that contains a SET domain. SET domains appear to be protein-protein interaction domains that mediate interactions with a family of proteins that display similarity with dual-specificity phosphatases (dsPTPases). The function of this gene has not been determined. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]