

## Product datasheet for **RC208219L4V**

### **KMT5A (NM\_020382) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KMT5A (NM_020382) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KMT5A
Synonyms:	PR-Set7; PR/SET07; SET07; SET8; SETD8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020382
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208219).
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_020382.3</a>
RefSeq Size:	2765 bp
RefSeq ORF:	1059 bp
Locus ID:	387893
UniProt ID:	<a href="#">Q9NQR1</a>
Cytogenetics:	12q24.31
Domains:	SET
Protein Families:	Druggable Genome



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**Protein Pathways:** Lysine degradation

**MW:** 39.3 kDa

**Gene Summary:** The protein encoded by this gene is a protein-lysine N-methyltransferase that can monomethylate Lys-20 of histone H4 to effect transcriptional repression of some genes. The encoded protein is required for cell proliferation and plays a role in chromatin condensation. [provided by RefSeq, May 2016]