

## Product datasheet for **RC208219L3V**

### **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-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| 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]