

## Product datasheet for **RC203881L1V**

### **KMT5C (NM\_032701) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KMT5C (NM_032701) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KMT5C
Synonyms:	Suv4-20h2; SUV420H2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_032701
ORF Size:	1386 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203881).
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_032701.2</a>
RefSeq Size:	2297 bp
RefSeq ORF:	1389 bp
Locus ID:	84787
UniProt ID:	<a href="#">Q86Y97</a>
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome
Protein Pathways:	Lysine degradation



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**MW:** 51.9 kDa

**Gene Summary:** SUV420H2 and the related enzyme SUV420H1 (MIM 610881) function as histone methyltransferases that specifically trimethylate nucleosomal histone H4 (see MIM 602822) on lysine-20 (K20) (Schotta et al., 2004 [PubMed 15145825]).[supplied by OMIM, Dec 2009]