

## Product datasheet for **RC214918L4V**

### **KDM5B (NM\_006618) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KDM5B (NM_006618) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KDM5B
Synonyms:	CT31; JARID1B; MRT65; PLU-1; PLU1; PPP1R98; PUT1; RBBP2H1A; RBP2-H1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006618
ORF Size:	4632 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214918).
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_006618.3</a>
RefSeq Size:	6393 bp
RefSeq ORF:	4635 bp
Locus ID:	10765
UniProt ID:	<a href="#">Q9UGL1</a>
Cytogenetics:	1q32.1
Domains:	ARID, PHD, JmjC, JmjN, zf-C5HC2
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 175.5 kDa

**Gene Summary:** This gene encodes a lysine-specific histone demethylase that belongs to the jumonji/ARID domain-containing family of histone demethylases. The encoded protein is capable of demethylating tri-, di- and monomethylated lysine 4 of histone H3. This protein plays a role in the transcriptional repression of certain tumor suppressor genes and is upregulated in certain cancer cells. This protein may also play a role in genome stability and DNA repair. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]