

Product datasheet for **RC221461L3V**

KDM5A (NM_001042603) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KDM5A (NM_001042603) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KDM5A
Synonyms:	RBBP-2; RBBP2; RBP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001042603
ORF Size:	5070 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221461).
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. More info
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:	NM_001042603.1
RefSeq Size:	10835 bp
RefSeq ORF:	5073 bp
Locus ID:	5927
UniProt ID:	P29375
Cytogenetics:	12p13.33
Protein Families:	Druggable Genome
MW:	191.9 kDa



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Gene Summary:

This gene encodes a member of the Jumonji, AT-rich interactive domain 1 (JARID1) histone demethylase protein family. The encoded protein plays a role in gene regulation through the histone code by specifically demethylating lysine 4 of histone H3. The encoded protein interacts with many other proteins, including retinoblastoma protein, and is implicated in the transcriptional regulation of Hox genes and cytokines. This gene may play a role in tumor progression. [provided by RefSeq, Aug 2013]