OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC211182L1V

KDM4C (NM_015061) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KDM4C (NM_015061) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KDM4C
Synonyms:	GASC1; JHDM3C; JMJD2C; TDRD14C
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_015061
ORF Size:	3168 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211182).
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_015061.2
RefSeq Size:	4687 bp
RefSeq ORF:	3171 bp
Locus ID:	23081
UniProt ID:	Q9H3R0
Cytogenetics:	9p24.1
Domains:	PHD, TUDOR, JmjC, JmjN
Protein Families:	Druggable Genome, Transcription Factors

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MW: 120 kDa

Gene Summary: This gene is a member of the Jumonji domain 2 (JMJD2) family. The encoded protein is a trimethylation-specific demethylase, and converts specific trimethylated histone residues to the dimethylated form. This enzymatic action regulates gene expression and chromosome segregation. Chromosomal aberrations and changes in expression of this gene may be found in tumor cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]