

Product datasheet for **RC228587L4V**

KDM4C (NM_001146695) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KDM4C (NM_001146695) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KDM4C
Synonyms:	GASC1; JHDM3C; JMJD2C; TDRD14C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001146695
ORF Size:	2439 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228587).
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_001146695.1
RefSeq ORF:	2442 bp
Locus ID:	23081
UniProt ID:	Q9H3R0
Cytogenetics:	9p24.1
Protein Families:	Druggable Genome, Transcription Factors
MW:	91.7 kDa



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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]