

## Product datasheet for **RC223872L1V**

### JMJD1C (NM\_004241) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	JMJD1C (NM_004241) Human Tagged ORF Clone Lentiviral Particle
Symbol:	JMJD1C
Synonyms:	KDM3C; TRIP-8; TRIP8
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_004241
ORF Size:	6909 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223872).
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_004241.2</a> , <a href="#">NP_004232.2</a>
RefSeq Size:	8415 bp
RefSeq ORF:	6911 bp
Locus ID:	221037
Cytogenetics:	10q21.3
Protein Families:	Druggable Genome
MW:	256.6 kDa



[View online »](#)

**Gene Summary:**

The protein encoded by this gene interacts with thyroid hormone receptors and contains a jumonji domain. It is a candidate histone demethylase and is thought to be a coactivator for key transcription factors. It plays a role in the DNA-damage response pathway by demethylating the mediator of DNA damage checkpoint 1 (MDC1) protein, and is required for the survival of acute myeloid leukemia. Mutations in this gene are associated with Rett syndrome and intellectual disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]