

## Product datasheet for **RC207885L2V**

### JARID2 (NM\_004973) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	JARID2 (NM_004973) Human Tagged ORF Clone Lentiviral Particle
Symbol:	JARID2
Synonyms:	JMJ
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004973
ORF Size:	3738 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207885).
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_004973.2</a>
RefSeq Size:	5756 bp
RefSeq ORF:	3741 bp
Locus ID:	3720
UniProt ID:	<a href="#">Q92833</a>
Cytogenetics:	6p22.3
Domains:	ARID, JmjC, JmjN, zf-C5HC2
Protein Families:	Transcription Factors



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**MW:** 138.6 kDa

**Gene Summary:** This gene encodes a Jumonji- and AT-rich interaction domain (ARID)-domain-containing protein. The encoded protein is a DNA-binding protein that functions as a transcriptional repressor. This protein interacts with the Polycomb repressive complex 2 (PRC2) which plays an essential role in regulating gene expression during embryonic development. This protein facilitates the recruitment of the PRC2 complex to target genes. Alternate splicing results in multiple transcript variants. Mutations in this gene are associated with chronic myeloid malignancies. [provided by RefSeq, May 2012]