

## Product datasheet for **RC202367L2V**

### **EZH1 (NM\_001991) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	EZH1 (NM_001991) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EZH1
Synonyms:	KMT6B
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001991
ORF Size:	2241 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202367).
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_001991.2</a>
RefSeq Size:	4640 bp
RefSeq ORF:	2244 bp
Locus ID:	2145
UniProt ID:	<a href="#">Q92800</a>
Cytogenetics:	17q21.2
Domains:	myb_DNA-binding, SET
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 85.1 kDa

**Gene Summary:** EZH1 is a component of a noncanonical Polycomb repressive complex-2 (PRC2) that mediates methylation of histone H3 (see MIM 602812) lys27 (H3K27) and functions in the maintenance of embryonic stem cell pluripotency and plasticity (Shen et al., 2008 [PubMed 19026780]). [supplied by OMIM, Mar 2009]