

## Product datasheet for **RC202054L4V**

### **EZH2 (NM\_004456) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	EZH2 (NM_004456) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EZH2
Synonyms:	ENX-1; ENX1; EZH2b; KMT6; KMT6A; WVS; WVS2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004456
ORF Size:	2253 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202054).
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_004456.3</a>
RefSeq Size:	2723 bp
RefSeq ORF:	2256 bp
Locus ID:	2146
UniProt ID:	<a href="#">Q15910</a>
Cytogenetics:	7q36.1
Domains:	myb_DNA-binding, SET
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 86 kDa

**Gene Summary:** This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Feb 2011]