

## Product datasheet for **RC214307L4V**

### **SMYD2 (NM\_020197) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	SMYD2 (NM_020197) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SMYD2
Synonyms:	HSKM-B; KMT3C; ZMYND14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020197
ORF Size:	1299 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214307).
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_020197.1</a> , <a href="#">NP_064582.1</a>
RefSeq Size:	1694 bp
RefSeq ORF:	1302 bp
Locus ID:	56950
UniProt ID:	<a href="#">Q9NRG4</a>
Cytogenetics:	1q32.3
Domains:	SET, zf-MYND
Protein Families:	Druggable Genome



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**MW:** 49.5 kDa

**Gene Summary:** SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al., 2006 [PubMed 16805913]).[supplied by OMIM, Nov 2008]