Product datasheet for RC202428L1V

SUV39H1 (NM_003173) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SUV39H1 (NM_003173) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SUV39H1
Synonyms:	H3-K9-HMTase 1; KMT1A; MG44; SUV39H
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003173
ORF Size:	1236 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202428).
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. More info
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:	NM_003173.2
RefSeq Size:	2752 bp
RefSeq ORF:	1239 bp
Locus ID:	6839
UniProt ID:	O43463
Cytogenetics:	Xp11.23
Domains:	CHROMO, SET, PreSET, PostSET, Pre-SET
Protein Families:	Druggable Genome

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Protein Pathways:	Lysine degradation
MW:	47.9 kDa
Gene Summary:	This gene encodes an evolutionarily-conserved protein containing an N-terminal chromodomain and a C-terminal SET domain. The encoded protein is a histone methyltransferase that trimethylates lysine 9 of histone H3, which results in transcriptional gene silencing. Loss of function of this gene disrupts heterochromatin formation and may cause chromosome instability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]