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Product datasheet for RC214996L1V

hSET1 (SETD1A) (NM_014712) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	hSET1 (SETD1A) (NM_014712) Human Tagged ORF Clone Lentiviral Particle
Symbol:	hSET1
Synonyms:	EPEDD; KMT2F; NEDSID; Set1; Set1A
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_014712
ORF Size:	5121 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC214996).`
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_014712.1
RefSeq Size:	6447 bp
RefSeq ORF:	5124 bp
Locus ID:	9739
UniProt ID:	O15047
Cytogenetics:	16p11.2
Protein Families:	Druggable Genome
Protein Pathways:	Lysine degradation

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MW: 185.9 kDa

Gene Summary: The protein encoded by this gene is a component of a histone methyltransferase (HMT) complex that produces mono-, di-, and trimethylated histone H3 at Lys4. Trimethylation of histone H3 at lysine 4 (H3K4me3) is a chromatin modification known to generally mark the transcription start sites of active genes. The protein contains SET domains, a RNA recognition motif domain and is a member of the class V-like SAM-binding methyltransferase superfamily. [provided by RefSeq, Dec 2016]