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Product datasheet for RC229002L2V

SETDB2 (NM_001160308) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SETDB2 (NM_001160308) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SETDB2
Synonyms:	C13orf4; CLLD8; CLLL8; KMT1F
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001160308
ORF Size:	2121 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229002).
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_001160308.1
RefSeq ORF:	2124 bp
Locus ID:	83852
UniProt ID:	Q96T68
Cytogenetics:	13q14.2
Protein Families:	Druggable Genome
Protein Pathways:	Lysine degradation
MW:	80.5 kDa

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Gene Summary: This gene encodes a member of a family of proteins that contain a methyl-CpG-binding domain (MBD) and a SET domain and function as histone methyltransferases. This protein is recruited to heterochromatin and plays a role in the regulation of chromosome segregation. This region is commonly deleted in chronic lymphocytic leukemia. Naturally-occuring readthrough transcription occurs from this gene to the downstream PHF11 (PHD finger protein 11) gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]