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Product datasheet for RC203458L2V

PRMT5 (NM_006109) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRMT5 (NM_006109) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRMT5
Synonyms:	HRMT1L5; HSL7; IBP72; JBP1; SKB1; SKB1Hs
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006109
ORF Size:	1911 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203458).
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_006109.3
RefSeq Size:	2541 bp
RefSeq ORF:	1914 bp
Locus ID:	10419
UniProt ID:	O14744
Cytogenetics:	14q11.2
Domains:	Skb1
Protein Families:	Stem cell - Pluripotency

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MW: 72.7 kDa

Gene Summary: This gene encodes an enzyme that belongs to the methyltransferase family. The encoded protein catalyzes the transfer of methyl groups to the amino acid arginine, in target proteins that include histones, transcriptional elongation factors and the tumor suppressor p53. This gene plays a role in several cellular processes, including transcriptional regulation, and the assembly of small nuclear ribonucleoproteins. A pseudogene of this gene has been defined on chromosome 4. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]