

Product datasheet for **RC206586L4V**

PNMT (NM_002686) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PNMT (NM_002686) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PNMT
Synonyms:	PENT; PNMTase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002686
ORF Size:	846 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206586).
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_002686.3
RefSeq Size:	958 bp
RefSeq ORF:	849 bp
Locus ID:	5409
UniProt ID:	P11086
Cytogenetics:	17q12
Domains:	NNMT_PNMT_TEMT
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Tyrosine metabolism

MW: 30.9 kDa

Gene Summary: The product of this gene catalyzes the last step of the catecholamine biosynthesis pathway, which methylates norepinephrine to form epinephrine (adrenaline). The enzyme also has beta-carboline 2N-methyltransferase activity. This gene is thought to play a key step in regulating epinephrine production. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Nov 2012]