

Product datasheet for **MR210164L3V**

Pcif1 (NM_146129) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pcif1 (NM_146129) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pcif1
Synonyms:	2310022K11Rik; C20orf67; F730014I05Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_146129
ORF Size:	2121 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210164).
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_146129.2
RefSeq Size:	2752 bp
RefSeq ORF:	2121 bp
Locus ID:	228866
UniProt ID:	P59114
Cytogenetics:	2 H3



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Gene Summary:

Cap-specific adenosine methyltransferase that catalyzes formation of N(6),2'-O-dimethyladenosine cap (m6A(m)) by methylating the adenosine at the second transcribed position of capped mRNAs. Recruited to the early elongation complex of RNA polymerase II (RNAPII) via interaction with POLR2A and mediates formation of m6A(m) co-transcriptionally. N6-methylation of m6A(m) promotes the translation of capped mRNAs.[UniProtKB/Swiss-Prot Function]