

## Product datasheet for **RC203430L4V**

### PCIF1 (NM\_022104) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PCIF1 (NM_022104) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCIF1
Synonyms:	C20orf67; CAPAM; hCAPAM; hPCIF1; PPP1R121
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022104
ORF Size:	2112 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203430).
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. <a href="#">More info</a>
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:	<a href="#">NM_022104.3</a>
RefSeq Size:	2703 bp
RefSeq ORF:	2115 bp
Locus ID:	63935
UniProt ID:	<a href="#">Q9H4Z3</a>
Cytogenetics:	20q13.12
Domains:	WW
MW:	80.7 kDa


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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 (PubMed:30467178). Recruited to the early elongation complex of RNA polymerase II (RNAPII) via interaction with POLR2A and mediates formation of m6A(m) co-transcriptionally (PubMed:30467178). N6-methylation of m6A(m) promotes the translation of capped mRNAs (PubMed:30467178).[UniProtKB/Swiss-Prot Function]