

Product datasheet for RC203430L3

PCIF1 (NM_022104) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PCIF1 (NM_022104) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: PCIF1

Synonyms: C20orf67; CAPAM; hCAPAM; hPCIF1; PPP1R121

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC203430).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_022104

ORF Size: 2112 bp



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PCIF1 (NM_022104) Human Tagged Lenti ORF Clone - RC203430L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

20q13.12

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 022104.3</u>

 RefSeq Size:
 2703 bp

 RefSeq ORF:
 2115 bp

 Locus ID:
 63935

 UniProt ID:
 Q9H4Z3

Domains: WW

Cytogenetics:

MW: 80.7 kDa

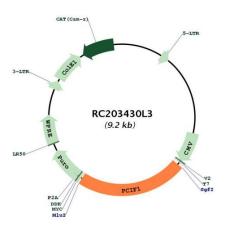
Gene Summary: Cap-specific adenosine methyltransferase that catalyzes formation of N(6),2'-O-

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]



Product images:



Circular map for RC203430L3