

Product datasheet for RR205182L4

Prkci (NM_032059) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Prkci (NM 032059) Rat Tagged Lenti ORF Clone

Tag:mGFPSymbol:PrkciSynonyms:Pkcl

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

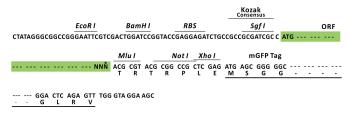
ORF Nucleotide The ORF insert of this clone is exactly the same as(RR205182).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_032059

ORF Size: 1788 bp



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Prkci (NM_032059) Rat Tagged Lenti ORF Clone - RR205182L4

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.

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.

RefSeq: <u>NM 032059.1</u>, <u>NP 114448.1</u>

 RefSeq Size:
 4501 bp

 RefSeq ORF:
 1791 bp

 Locus ID:
 84006

 UniProt ID:
 F1M7Y5

 Cytogenetics:
 2q24

Gene Summary: member of the atypical subgroup of PKCs that do not contain the calcium binding domain

and possess only one cysteine-rich region; plays a critical role in controlling cell growth and

cell survival; enhances Rab2-mediated vesicle budding [RGD, Feb 2006]