

Product datasheet for RC218239L3

OriGene Technologies, Inc.

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ARPP21 (NM_001025068) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ARPP21 (NM_001025068) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: ARPP21

Synonyms: ARPP-21; R3HDM3; RCS; TARPP

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(RC218239).

Sequence:

triction Sites: Sgfl-Mlul

Restriction Sites: Cloning Scheme:





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

ACCN: NM_001025068

ORF Size: 267 bp





ARPP21 (NM_001025068) Human Tagged Lenti ORF Clone - RC218239L3

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 001025068.1</u>, <u>NP 001020239.1</u>

9.5 kDa

RefSeq Size: 2409 bp
RefSeq ORF: 270 bp
Locus ID: 10777
UniProt ID: Q9UBL0
Cytogenetics: 3p22.3

., ...

MW:

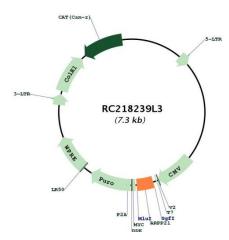
Gene Summary: This gene encodes a cAMP-regulated phosphoprotein. The encoded protein is enriched in the

caudate nucleus and cerebellar cortex. A similar protein in mouse may be involved in regulating the effects of dopamine in the basal ganglia. Alternate splicing results in multiple

transcript variants. [provided by RefSeq, Jun 2012]



Product images:



Circular map for RC218239L3