

Product datasheet for RC210719L4

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PRPSAP2 (NM_002767) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PRPSAP2 (NM_002767) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: PRPSAP2

Synonyms: PAP41

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(RC210719).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_002767

ORF Size: 1107 bp





PRPSAP2 (NM_002767) Human Tagged Lenti ORF Clone - RC210719L4

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 002767.2</u>

RefSeq Size:2021 bpRefSeq ORF:1110 bpLocus ID:5636

 UniProt ID:
 O60256

 Cytogenetics:
 17p11.2

Domains: Pribosyltran

Protein Families: Druggable Genome

MW: 40.9 kDa

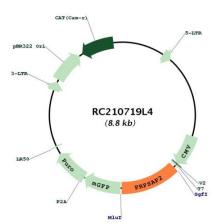
Gene Summary: This gene encodes a protein that associates with the enzyme phosphoribosylpyrophosphate

synthetase (PRS). PRS catalyzes the formation of phosphoribosylpyrophosphate which is a substrate for synthesis of purine and pyrimidine nucleotides, histidine, tryptophan and NAD. PRS exists as a complex with two catalytic subunits and two associated subunits. This gene encodes a non-catalytic associated subunit of PRS. Alternate splicing results in multiple

transcript variants. [provided by RefSeq, Sep 2011]



Product images:



Circular map for RC210719L4