

## Product datasheet for RC201270L4

#### 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

OriGene Technologies, Inc.

## NIPSNAP1 (NM\_003634) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: NIPSNAP1 (NM\_003634) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: NIPSNAP1

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of the

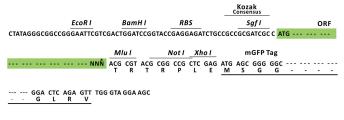
Sequence:

The ORF insert of this clone is exactly the same as(RC201270).

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





\* The last codon before the Stop codon of the ORF.

**ACCN:** NM\_003634

ORF Size: 852 bp



### NIPSNAP1 (NM\_003634) Human Tagged Lenti ORF Clone - RC201270L4

**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 003634.1</u>

RefSeq Size:2233 bpRefSeq ORF:855 bpLocus ID:8508

 UniProt ID:
 Q9BPW8

 Cytogenetics:
 22q12.2

 MW:
 33.1 kDa

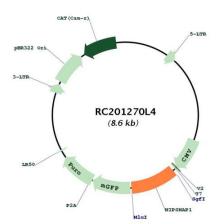
**Gene Summary:** This gene encodes a member of the NipSnap family of proteins that may be involved in

vesicular transport. A similar protein in mice inhibits the calcium channel TRPV6, and is also localized to the inner mitochondrial membrane where it may play a role in mitochondrial DNA maintenance. A pseudogene of this gene is located on the short arm of chromosome 17. Alternatively spliced transcript variants encoding multiple isoforms have been observed for

this gene. [provided by RefSeq, Feb 2011]



# **Product images:**



Circular map for RC201270L4