

Product datasheet for RR209068L4

Ocln (NM_031329) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ocln (NM_031329) Rat Tagged Lenti ORF Clone

Tag: mGFP Symbol: Ocln

Mammalian Cell Puromycin

Selection:

Vector:

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

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

ORF Nucleotide The ORF insert

Sequence:

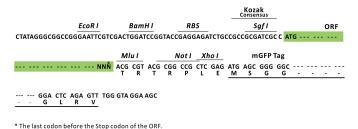
ACCN:

The ORF insert of this clone is exactly the same as(RR209068).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





NM_031329

ORF Size: 1569 bp



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Ocln (NM_031329) Rat Tagged Lenti ORF Clone - RR209068L4

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 031329.2</u>

 RefSeq Size:
 4148 bp

 RefSeq ORF:
 1572 bp

 Locus ID:
 83497

 UniProt ID:
 Q6P6T5

Cytogenetics: 2q12

Gene Summary: May play a role in the formation and regulation of the tight junction (TJ) paracellular

permeability barrier. May be involved in the organization of actin in endothelial cells.

[UniProtKB/Swiss-Prot Function]