

Product datasheet for RR201250L3

Nos2 (NM_012611) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Nos2 (NM 012611) Rat Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Nos2

Synonyms: iNos; Nos2a

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(RR201250).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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



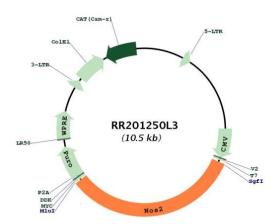
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

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



Plasmid Map:



ACCN: NM_012611 **ORF Size:** 3441 bp

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 012611.3</u>, <u>NP 036743.3</u>

RefSeq Size: 3793 bp **RefSeq ORF:** 3444 bp



Nos2 (NM_012611) Rat Tagged Lenti ORF Clone - RR201250L3

 Locus ID:
 24599

 UniProt ID:
 Q06518

 Cytogenetics:
 10q25

Gene Summary: cytokine-inducible enzmyme involved in nitric oxide (NO) production [RGD, Feb 2006]