

## **Product datasheet for RC226579L3**

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## NONO (NM\_001145409) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** NONO (NM\_001145409) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: NONO

Synonyms: MRXS34; NMT55; NRB54; P54; P54NRB; PPP1R114

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(RC226579).

Sgfl-Mlul

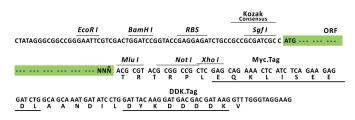
Sequence:

Restriction Sites: Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf I ORF MIu I

GGG ATC GC ATG ---/--- NNN ACG CGT ---



<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_001145409

ORF Size: 1413 bp





## NONO (NM\_001145409) Human Tagged Lenti ORF Clone - RC226579L3

**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 001145409.1</u>

RefSeq Size:3057 bpRefSeq ORF:1416 bpLocus ID:4841

UniProt ID: Q15233

Cytogenetics: Xq13.1

**Protein Families:** Druggable Genome, Transcription Factors

**MW:** 54.2 kDa

**Gene Summary:** This gene encodes an RNA-binding protein which plays various roles in the nucleus, including

transcriptional regulation and RNA splicing. A rearrangement between this gene and the transcription factor E3 gene has been observed in papillary renal cell carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes exist on Chromosomes 2 and

16. [provided by RefSeq, Feb 2009]