

Product datasheet for RR201517L4

Ndufa11 (NM_212517) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ndufa11 (NM 212517) Rat Tagged Lenti ORF Clone

Tag:

Symbol: Ndufa11

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide

Sequence:

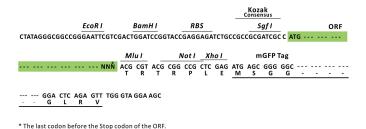
ACCN:

The ORF insert of this clone is exactly the same as(RR201517).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





NM 212517

ORF Size: 423 bp



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Ndufa11 (NM_212517) Rat Tagged Lenti ORF Clone - RR201517L4

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 212517.1, NP 997682.1</u>

RefSeq Size: 538 bp
RefSeq ORF: 426 bp
Locus ID: 301123
UniProt ID: Q80W89

Cytogenetics: 9q12

Gene Summary: Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase

(Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the

enzyme is believed to be ubiquinone.[UniProtKB/Swiss-Prot Function]