

Product datasheet for RR200351L4

Ndufaf3 (NM_020080) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ndufaf3 (NM_020080) Rat Tagged Lenti ORF Clone

Tag: mGFP

Symbol: Ndufaf3

Synonyms: RGD708545

Mammalian Cell Puromycin

Selection:

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

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

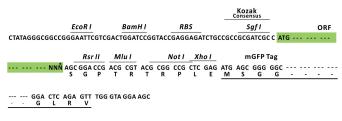
ORF Nucleotide The ORF insert of this clone is exactly the same as(RR200351).

Sequence:

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





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

ACCN: NM_020080

ORF Size: 555 bp



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

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

Ndufaf3 (NM_020080) Rat Tagged Lenti ORF Clone - RR200351L4

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 020080.3</u>, <u>NP 064465.1</u>

RefSeq Size: 1465 bp
RefSeq ORF: 558 bp
Locus ID: 56769
UniProt ID: 008776
Cytogenetics: 8q32

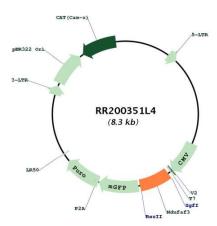
Gene Summary: This gene encodes a protein that is required for assembly of mitochondrial NADH:

ubiquinone oxidoreductase complex I, a multiprotein enzyme complex that is part of the oxidative phosphorylation pathway. In humans, mutations in this gene are associated with fatal neonatal mitochondrial disease and lactic acidosis. Alternative splicing results in multiple

transcript variants. [provided by RefSeq, Mar 2015]



Product images:



Circular map for RR200351L4