

## Product datasheet for RC200061L4V

## OriGene Technologies, Inc.

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## NDUFA8 (NM\_014222) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

**Product Name:** NDUFA8 (NM\_014222) Human Tagged ORF Clone Lentiviral Particle

Symbol: NDUFA8

Synonyms: CI-19KD; CI-PGIV; MC1DN37; PGIV

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM\_014222

ORF Size: 516 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC200061).

OTI Disclaimer:

Sequence:

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.

RefSeq: <u>NM 014222.2</u>

 RefSeq Size:
 859 bp

 RefSeq ORF:
 519 bp

 Locus ID:
 4702

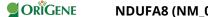
 UniProt ID:
 P51970

 Cytogenetics:
 9q33.2

**Protein Pathways:** Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation,

Parkinson's disease





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MW: 20.1 kDa

Gene Summary: The protein encoded by this gene belongs to the complex I 19 kDa subunit family.

Mammalian complex I is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It plays an important role in transfering electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Alternative splicing of this gene results in multiple

transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]