**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

# Product datasheet for RC226587L4V

## NDUFB11 (NM_001135998) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | NDUFB11 (NM_001135998) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | NDUFB11 |
| **Synonyms:** | CI-ESSS; ESSS; MC1DN30; Np15; NP17.3; P17.3 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_001135998 |
| **ORF Size:** | 459 bp |
| **ORF Nucleotide Sequence:** | `The ORF insert of this clone is exactly the same as(RC226587).` |
| **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. |
| **RefSeq:** | NM_001135998.1 |
| **RefSeq ORF:** | 462 bp |
| **Locus ID:** | 54539 |
| **UniProt ID:** | Q9NX14 |
| **Cytogenetics:** | Xp11.3 |
| **Protein Families:** | Transmembrane |
| **MW:** | 17.1 kDa |

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**Gene Summary:** The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is located at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to ubiquinone. Mutations in the human gene are associated with linear skin defects with multiple congenital anomalies 3 and mitochondrial complex I deficiency. [provided by RefSeq, Dec 2016]