

Product datasheet for **RC207387L3V**

Mimitin (NDUFAF2) (NM_174889) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Mimitin (NDUFAF2) (NM_174889) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Mimitin |
| Synonyms: | B17.2L; MC1DN10; mimitin; MMTN; NDUFA12L |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_174889 |
| ORF Size: | 507 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC207387). |
| 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_174889.2 |
| RefSeq Size: | 650 bp |
| RefSeq ORF: | 510 bp |
| Locus ID: | 91942 |
| UniProt ID: | Q8N183 |
| Cytogenetics: | 5q12.1 |
| MW: | 19.7 kDa |


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Gene Summary:

NADH:ubiquinone oxidoreductase (complex I) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. This gene encodes a complex I assembly factor. Mutations in this gene cause progressive encephalopathy resulting from mitochondrial complex I deficiency. [provided by RefSeq, Jul 2008]