

Product datasheet for SC200784

NDUFB9 (NM 005005) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: NDUFB9 (NM_005005) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: NDUFB9

Synonyms: B22; CI-B22; LYRM3; MC1DN24; UQOR22

ACCN: NM_005005

Insert Size: 117 bp

Insert Sequence: >SC200784 3'UTR clone of NM_005005

The sequence shown below is from the reference sequence of NM_005005. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

ATGTTACAGAACATGCACTTGCCCTAATAAAAAATCAGTGAAATGGTC

 ${\tt CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG}$

Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a

point of reference. Note that the complete sequence of this clone is largely the same as the

reference sequence but may contain minor differences, e.g., single nucleotide

polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The

package also includes 100 pmols of both the corresponding 5' and 3' vector primers in

separate vials.

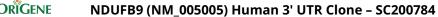
RefSeg: NM 005005.3



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ORIGENE

Summary:

The protein encoded by this gene is a subunit of the mitochondrial oxidative phosphorylation complex I (nicotinamide adenine dinucleotide: ubiquinone oxidoreductase). Complex I is localized to the inner mitochondrial membrane and functions to dehydrogenate nicotinamide adenine dinucleotide and to shuttle electrons to coenzyme Q. Complex I deficiency is the most common defect found in oxidative phosphorylation disorders and results in a range of conditions, including lethal neonatal disease, hypertrophic cardiomyopathy, liver disease, and adult-onset neurodegenerative disorders. Pseudogenes of this gene are found on chromosomes five, seven and eight. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]

Locus ID: 4715 MW: 4.7