

Product datasheet for **SC201394**

NDUFB3 (NM_002491) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NDUFB3 (NM_002491) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NDUFB3
Synonyms:	B12; CI-B12; MC1DN25
ACCN:	NM_002491
Insert Size:	165 bp
Insert Sequence:	>SC201394 3'UTR clone of NM_002491 The sequence shown below is from the reference sequence of NM_002491. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCCTGAATAAAGATAAGAAGCATCACAGATAAATACCTGGAAGCATCATAGTGGTTTCTTAACTCT CCAAAATAAGATTTCTTCTCTGTAGCCTACTTGCTGGTTTATCCCTTACAGAATATTAGTAAGATTTA ATCAATTAATAATATATATATATGCCAA ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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.
RefSeq:	<u>NM_002491.3</u>



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Summary: This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which is the first enzyme in the electron transport chain of mitochondria. This protein localizes to the inner membrane of the mitochondrion as a single-pass membrane protein. Mutations in this gene contribute to mitochondrial complex 1 deficiency. Alternative splicing results in multiple transcript variants encoding the same protein. Humans have multiple pseudogenes of this gene. [provided by RefSeq, Mar 2012]

Locus ID: 4709

MW: 6.5