

Product datasheet for **SC200840**

NDUFS7 (NM_024407) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NDUFS7 (NM_024407) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NDUFS7
Synonyms:	CI-20; CI-20KD; MC1DN3; MY017; PSST
ACCN:	NM_024407
Insert Size:	126 bp
Insert Sequence:	>SC200840 3'UTR clone of NM_024407 The sequence shown below is from the reference sequence of NM_024407. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CGGAGGCTGCAGATCTGGTACCGCAGGTAGCGCCGCCGCCGCCGCGGAGCCTGTCCGGTCTCTGT CCCCAGCCTGCTTGTGTCCCGTGAGGTTGTCAATAAACCTGCCCTCGGGCTGCCGCC ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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_024407.5</u>



[View online »](#)

Summary: This gene encodes a protein that is a subunit of one of the complexes that forms the mitochondrial respiratory chain. This protein is one of over 40 subunits found in complex I, the nicotinamide adenine dinucleotide (NADH):ubiquinone oxidoreductase. This complex functions in the transfer of electrons from NADH to the respiratory chain, and ubiquinone is believed to be the immediate electron acceptor for the enzyme. Mutations in this gene cause Leigh syndrome due to mitochondrial complex I deficiency, a severe neurological disorder that results in bilaterally symmetrical necrotic lesions in subcortical brain regions. [provided by RefSeq, Jul 2008]

Locus ID: 374291

MW: 5