

## Product datasheet for **SC200283**

### NDUFS8 (NM\_002496) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NDUFS8 (NM_002496) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NDUFS8
Synonyms:	CI-23k; CI23KD; MC1DN2; TYKY
ACCN:	NM_002496
Insert Size:	81 bp
Insert Sequence:	>SC200283 3'UTR clone of NM_002496 The sequence shown below is from the reference sequence of NM_002496. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACATCCAGGCTGACTACTTGTATCGGTGACGCCCCACCGGCCCGCAGCCCCTGCTGCCAATAAAACC ACTCCGACCCCA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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.
RefSeq:	<u><a href="#">NM_002496.4</a></u>



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**Summary:** This gene encodes a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, a multimeric enzyme of the respiratory chain responsible for NADH oxidation, ubiquinone reduction, and the ejection of protons from mitochondria. The encoded protein is involved in the binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the electron transfer process. Mutations in this gene have been associated with Leigh syndrome. [provided by RefSeq, Mar 2010]

**Locus ID:** 4728

**MW:** 3.1