

## Product datasheet for **SC201371**

### NDUFS5 (NM\_004552) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NDUFS5 (NM_004552) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NDUFS5
Synonyms:	CI-15k; CI15K
ACCN:	NM_004552
Insert Size:	149 bp
Insert Sequence:	>SC201371 3'UTR clone of NM_004552 The sequence shown below is from the reference sequence of NM_004552. 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 CACATTGGCAAGGGGAGCCTCGGCCCTGACAGAGCAGCTGCTGATGTCTGGAGGCTGATTTTCCTGT TCTCTGTTCTCCACTGGAAAGTTGTTTACGACAAACCTCCTTGTCAAAGTGTGTAATAAAAGGATT GCTCCATCCTA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_004552.3</a></u>



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**Summary:** This gene is a member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 1, 4 and 17. [provided by RefSeq, May 2010]

**Locus ID:** 4725

**MW:** 5.3