

## Product datasheet for **SC206056**

### **NDUFA4 (NM\_002489) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	NDUFA4 (NM_002489) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NDUFA4
Synonyms:	CI-9k; CI-MLRQ; COXFA4; MC4DN21; MISTR1; MLRQ; MRCAF1
ACCN:	NM_002489
Insert Size:	1723 bp



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**Insert Sequence:** >SC206056 3'UTR clone of NM\_002489  
 The sequence shown below is from the reference sequence of NM\_002489. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGCTGAAGAAGGAACGTCCAGATTTCTAAATGAAATGTTTCACTATAACGCTGCTTTAGAATGAAGGT
CTTCCAGAAGCCACATCCGCACAATTTTCACTTAACCAGGAAATATTTCTCTCTAAATGCATGAAAT
CATGTTGGAGATCTCTATTGTAATCTCTATTGGAGATTACAATGATTAATCAATAAATAACTGAACT
TGATATGTGTCACCTTTTTATGCTGAAAGTATGCTCTGAACTTTAGAGTATAGGAAATTAACTATTAGA
ATTTAAAGAAATTTCTGAATTTCTGTAGTTTAAAATACGACTTTAAGCTGCTTTAGTAAAACTTCC
ATTTTGTGTATAGACTGTTGTAACCTTCACTAGAGCATAACAACTGGAAGTGGAAATTATACAAA
AGTAAATTGGGAAGGATACTCCAGCATCTGACACTGGCAAAATGGAAACCTTTGAGTTTCTTACTGG
CTGTTGAAGTGTGTGCAGTTTTTAAACAATGGTTTTTACTTGGCATCTCTTTGTTGTGATTTCAAGTT
ATAAGTTGCTTTGGTCTAGGATTGAAGTTGAAATCTGAGTTTATCAGTGCTAACCATGGTGCTAGTAG
TCAAGAGATCTTGAGAATTTGGCTGCTGAGTCTTGGTGCAGGGTGCAGTTTTTCTTTCTTTTTCTT
TTTTTTTTTTTGGAGATAGTCTCTGTACCCAGGCTGGAGTGCAGTGGTACAAACATGGATCACTGCAG
CCTCTACCTCCCGGGCTTAAGTGATCCTCTGCCTCAGCCCTAAGTAGCCGGGACTACAGGTATGTGC
CACCATGCCCAGTTAATTTTTGTAATTTTTTTAGAGACAGGGTTTTGCCATGTTGCCAGGCTGGTCT
CAAACCTTTGAGCTCAAGCGATCCATTTCTCTCAGCCTCCAGGGTGTGGGATTACAGGCGTGAGCCA
TTGGCCTTAGCCATGGTGCAGGTTTTCAAGGCCAGGAAGTATATTCATAATTTAAGATGGGGAATAT
AGCAAGTTTTTACATAGGTGTGTGTAAGTCATCACATCAGAACTTGAGGAATTCAGTGACATTAAT
TTTGGATTTTACATACGTAAGTATACAATTAATGTTTACAGGGTAGTAGAAGCACATTTTAAATGTCAG
GAACTGAACTAAGTATTTGAATTACGTGGATTATCTCAAAAATTTGAAATTGTTAAACGAGTTGAATT
ACTTGAATTCATTCTGTTAGTCAAATGGTGGATTTTACACCCATGTAGTTTTGAATTTAGAGTGTGTA
GAGTGTTTTCACTACCAGACTCCATGCTTTTACCTCCTATGTGTGAGTATAATTTGAACCTCTAAGA
ACAGGGTTTTCTCAACCTTGCCACTGTTGACTATTTCTGAAAGACAGTTTGGTTTAGCAGACCATCCCAT
GCGCTTTAGCTTGTAGTACTTGGCTCTGCCACTACAGACAAAAAGCACTCTTCCCTCCAA
TTCCACAGGCTATGAGAAGAATGGAGACATTACCAAATGTCCATTGGTGGGCAAAATGCTTCATTCC
TACCTCTGTTGAGAATTACTCTAGATCCTTTGGCACAATTACCTCAAAGTTTAAAATTTGTGTAACAA
ACAGTGTGTCATGTAATTGAAAAACATTAAGCAACTCAAATAAATGCTACATTAAGAAATTAGTAA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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**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:** [NM\\_002489.4](#)

**Summary:** The protein encoded by this gene belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [provided by RefSeq, Jul 2008]

**Locus ID:** 4697

**MW:** 67