

## Product datasheet for **SC204709**

### NDUFB6 (NM\_002493) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NDUFB6 (NM\_002493) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NDUFB6  
**Synonyms:** B17; CI  
**ACCN:** NM\_002493  
**Insert Size:** 905 bp  
**Insert Sequence:** >SC204709 3'UTR clone of NM\_002493  
The sequence shown below is from the reference sequence of NM\_002493. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
ATGAAAGAATTTCTGATCAACATCATTAAGATTATGTA AAAAGTTAAAAGGCTTATGAGCCTAAGTT
TGTTCTATATTACCATATTTACTGAATTTCTGGAAAAGTAACTTTAATAAAGTTAATCTCAGAAAT
TGTCATATCTGTTTTCAAGCATTGTACAATTTGAGACTGAGTAATTTAACAATAAGTAAAAAGTGGACA
TGCTAAACAAATATGAGAGACTACCTACTTTTTCTGGTCATTCTTGACTTGGAAAACGGTATGAAAAG
TATTTAGTTACATGTTTGTGTTTTTTCTTACACAGTACTTACACTAATTTGGTATCAGGGTATGCA
ACAGTGAAATATCACAATAAACAAATGTAAGAACAGCAATCCATGCACTTTTGTGTTAAGGAAATCTT
TCCGGCCAGGCGCAGTGGCTCATGCCTGTAATCCAGCACTTTGGGAGGCCGAGGCGGCAGATCACGA
AGTCAGGAGATCGAGACCATCATGGCTAACACAGTGAACCCCGTCCCTACTAAAAATACAAAAAATT
AGCCGGGCGTGGTGGCGGCTCCTGTAGTCCCAGCTACTGCGGAGGCTGAGGCACGAGATTGGTGTGAA
CCCAGAAGGCGGAGCTTGCAAGTAAAGCCGAGATAGTGCCACTGAGCCTGGGCGACAGCAAGACTCCGT
CTCAAAAAAAAAAAGCTTTCCGAATCATTTTTGAAGAATTTAGAACTTGATTGAAAAGCTTATTCC
AACTATGATCTGCACTCAAGACTGTGAGATTTAGGTTGCTGTTAATTTGTCATGAGAATGAAAAATA
CTAAAACTCTAAGTAAAAATTTGCATACTAGTGCTTGTATAAAGGATAATGCAAAAAATAAACTTGG
GAACCTTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_002493.5</a>
<b>Summary:</b>	The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. 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. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jan 2011]
<b>Locus ID:</b>	4712
<b>MW:</b>	35.4