

## Product datasheet for **SC203858**

### SDHA (NM\_004168) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** SDHA (NM\_004168) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SDHA  
**Synonyms:** CMD1GG; FP; MC2DN1; NDAXOA; PGL5; SDH1; SDH2; SDHF  
**ACCN:** NM\_004168  
**Insert Size:** 692 bp  
**Insert Sequence:** >SC203858 3'UTR clone of NM\_004168  
The sequence shown below is from the reference sequence of NM\_004168. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCGTCCCAGCCATTGCTCCTACTGATGAGACAAGATGTGGTGATGACAGAATCAGCTTTTGTAA
TTATGTATAATAGCTCATGCATGTGCCATGTCATAACTGTCTTCATACGCTTCTGCACTCTGGGGAAG
AAGGAGTACATTGAAGGGAGATTGGCACCTAGTGGCTGGGAGCTTCCAGGAACCCAGTGGCCAGGGAG
CGTGGCACTTACCTTTGTCCTTCTTCAATCTTGTGAGATGATAAACTGGGCACAGCTCTTAAATAA
AATATAAATGAACAACTTTCTTTTATTTCCAAATCCATTTGAAATATTTTACTGTTGTGACTTTAGTC
ATATTTGTTGACCTAAAAATCAAATGTAATCTTTGTATTGTGTTACATCAAAATCCAGATATTTGTAT
AGTTTCTTTTTCTTTTTCTTTTTTTTTTTTTGAGACAGGATCGGTGCAGTAGTACAATCACAGC
TCACTGCAGCCTCAAACCTCTGGGCAGCTCAGGTGATCTTCTGACTCAGCCTTCTGAGTAGTTGGGGC
TACAGGTGTGCACCACCATGCCAGCTCATTTATTTGTAATTGTAGGGACAGGGTCTCACTGTGTTGC
CTAGGCTGGTCTCAAGTGATCCTCCCTCCTTGGCCTCCCAAGGTGCTGGAATTATAGGTGTGAACAAAC
CA
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



[View online »](#)

<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_004168.4</a>
<b>Summary:</b>	This gene encodes a major catalytic subunit of succinate-ubiquinone oxidoreductase, a complex of the mitochondrial respiratory chain. The complex is composed of four nuclear-encoded subunits and is localized in the mitochondrial inner membrane. Mutations in this gene have been associated with a form of mitochondrial respiratory chain deficiency known as Leigh Syndrome. A pseudogene has been identified on chromosome 3q29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]
<b>Locus ID:</b>	6389
<b>MW:</b>	26.6