

Product datasheet for **SC210371**

SDHD (NM_003002) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SDHD (NM_003002) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SDHD
Synonyms: CBT1; CII-4; CWS3; cybS; MC2DN3; PGL; PGL1; QPs3; SDH4
ACCN: NM_003002
Insert Size: 854 bp
Insert Sequence: >SC210371 3'UTR clone of NM_003002
 The sequence shown below is from the reference sequence of NM_003002. 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
AAAGCTGTTGCCATGCTGTGGAAGCTCTGACCTTTTTGACTTCATACTTTGAAGAATTGATGTATGCCT
CTTTGCCCTGCTTTGTCATGCCATTAAGCTCACATAAGGAAGAAATAACAGATAAGTCCATTGGTGG
ACAGCCTTCTTCTTAATCACAAAGATTATTTTCAGAATTTAATCTTTGAGGAAAAGTTTGAGAGGAA
TTATATCTAAGTTGTGAGACTGAGTTCTATATTCTGGTGAGTTAATGGGTTGCCTCCCAGCTTCTTAT
AAGACTCACAGTATAACTAAACATGATATATCAGCTTTTGCCTTTCAATTTATCAATCTCTTAAAGAGA
ATCCAACCTTATTACGATTAGTATATGATCAAACCTCCATATTTGCCTTGGGAATAATGGACAAAGGGA
AATACTCTTAATTCATGAATAAAAACTTTGCAGAAAATTAGACAGTGTTAATTTTCGAAAACCTCCCT
CTCTAGACAGTAGATACCACCTACTGATGGTTACATATACTAGGGAAATTTAAAATTAGGAAATGCTG
ATAGCTCATATTATAAATTTCTAAATCCTAGGAAGAAACGCTTGGAGTGCTTCTGAATATACAGAAGTT
CCATTTAAGGGCAAGTTCCCTGTAGATGTATCAAATACTACCAACTGTAATTTGAGATTTAATCCC
AAATGTATTCTACTTGTCTAAAACAATCTGTCCACAAATATAAACTATAAGTAATAAATTTGTTATTT
TCGCACAATGGGAATCTCTAATGTGAAAATGTATTCTATGAAAATAATTTTTTAAATAAATGTTATA
TAATAAAAGTGTCTTCTATGCTTTTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_003002.4
Summary:	This gene encodes a member of complex II of the respiratory chain, which is responsible for the oxidation of succinate. The encoded protein is one of two integral membrane proteins anchoring the complex to the matrix side of the mitochondrial inner membrane. Mutations in this gene are associated with the formation of tumors, including hereditary paraganglioma. Transmission of disease occurs almost exclusively through the paternal allele, suggesting that this locus may be maternally imprinted. There are pseudogenes for this gene on chromosomes 1, 2, 3, 7, and 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]
Locus ID:	6392
MW:	33.6