

Product datasheet for **SC209180**

SDHAF1 (NM_001042631) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SDHAF1 (NM_001042631) Human 3' UTR Clone
Symbol:	SDHAF1
Synonyms:	LYRM8; MC2DN2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001042631
Insert Size:	720 bp
Insert Sequence:	>SC209180 3'UTR clone of NM_001042631 The sequence shown below is from the reference sequence of NM_001042631. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GCACCGGAGACCCGCCCCGACGGACGGTACAGGCGAAGAGCCGAACCTCGCTCGATGGCGTGGTGGAGC
CAGGAGGCTCGCCTGACTGCATGGGGGACTGGGAACCCGCCTAAGGTGAGAGGTCTTAAGAGACTAG
CTTGACGAATTGGGGATGTCAGAGACTCCTCCTTGGCGACGCAGGGGCTAGAGAGCCCGTGATGGA
CGGCAAGGGAGGCGCCCTTTCCGATGCTTGGAGACAGGTGCGTGCTCCTCCCCATGAGGGCTTGGG
GCGGCCTGGGACGCTGGCGGGCTGGACAGTGTCAAGCCAAGAGCTACTTGCCCAAGGTACGGGGAGCC
AGGACGACCCCCGGTGGACAGGGAGAGCCTGAGACGCCCTTCTCTTGACCCCTGAGAACATACCCACTT
CTGGCTCCTCAAGGAGTCTCCCCTCTCCTGTATTTAACTCTGAGAAGTGCAGACTTTTTGCTGAGAACG
TTTTGGGAAGGTGCCCTGATGAGCGGTGAGAAGCCCGGAATCCCCTTCTGGAAAACCTTTCCCCATTAA
TTGTGACAAGCCAGGACCATGAGGAAGGGTAGGGTCTATCACCTGGTTGATCAACTGAAGACCCCC
AAAGGCCCTACTTGATGGTTTTGAGGGCAACATTGACTCATTTGCCCTTCCCTCTCGGAATGTTGG
ACAAAGGAATAAAATTGGGATATGTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACGCCGCTTCTATGAAAGG
  
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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:	<u>NM_001042631.3</u>
Summary:	The succinate dehydrogenase (SDH) complex (or complex II) of the mitochondrial respiratory chain is composed of 4 individual subunits. The protein encoded by this gene resides in the mitochondria, and is essential for SDH assembly, but does not physically associate with the complex in vivo. Mutations in this gene are associated with SDH-defective infantile leukoencephalopathy (mitochondrial complex II deficiency).[provided by RefSeq, Mar 2010]
Locus ID:	644096
MW:	26.7