

Product datasheet for **SC122869**

SDHAF2 (NM_017841) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SDHAF2 (NM_017841) Human Untagged Clone
Tag: Tag Free
Symbol: SDHAF2
Synonyms: C11orf79; PGL2; SDH5
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_017841 edited
GGAAAATGGCGGTGTCTACAGTGTCTCGACTTCGTCGCTGATGCTTGTCTGTCAAGGC
ACAGCCTATTGTCTCCTTTGCTCAGTGTGACATCATTGACAGCCTTCTACAGAGGTGACA
GCCCAACAGATTCCCAAAGGACATGATTGAAATCCCTTTGCCTCCATGGCAGGAGAGAA
CTGATGAATCCATAGAAACCAAAGAGCCCGCCTGCTCTATGAGAGCAGAAAGAGGGGAA
TGTTGGAAAAGTGCATTCTTCTAGTCTTTTGTAAAGAACATCTGCAGCACATGACAG
AAAAGCAGCTGAACCTCTATGACCGCCTGATTAACGAGCCTAGTAATGACTGGGATATTT
ACTACTGGGCCACAGAAGCTAAACCAGCCCCAGAAATATTTGAAAATGAAGTCATGGCCC
TGCTGAGAGACTTTGCTAAAAACAAAACAAAGAGCAGAGACTGCGTGCCCCAGATCTTG
AGTACCTCTTTGAAAAGCCACGTTGAGCTGTGCTCCACGGCCTGGCATGGGGTTTCAGTC
TGTGGATGGTAACTACTTATGATGGACGTTAGCCTTGCTTCCGGCTTCTTAGATGCCAG
CTGCCCTACCCCAGACCACTGGTCTGCCTCAAGTGATGGACATAACCCTCTCCTAGGAC
ATACATGTAAATGCACAATGTGACTCATTCTCATACTTTTTTTGTTGAGCTCTGAGCCTCA
AAAGTGATTTGTGAGCAGCGCTGGCATGCAGGCTTTGCCTGGCTGCTATCTTAGAGGCA
AGTCTGCCACGAGAGGGCACTGCAGGCGAAGCAGTTGTGCTTGTCTATTGCCTCAGCCCA
AGTGTACTCAAAGAAAAGAGGCAGCCAGCTGTGCGTGTGTACGGAAAGCCTCCCAGCCT
CCCTGCAGCTCCCCGCCCTCAGTGGCCAGGGCTTTGTTGAAGTGGAACTCCCAGCTTCC
AACCTGGTATGGTCTTCTGCGAAGGGAAGCTGATCCCAGCCTCCTGAGCTGAATCCTT
CAAAGGCACAGCAGGCAGAATGAGGGCCACAGGCAGGAGTGGTGTGGGCACACTGCTTAG
GAGTCAACATCTTCATCATTGGGCTTTTCTTAAAACGTGCACTTTGTAATTTGAAAGAGA
ATTATTAAGCATACTGAAAAAGGAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_017841 unedited NNAAGTCAGCATTTGTATACGACTCATATAGGCGGCACGCGAATTCGCACGAGGGAAAAT GGCGGTGTCTACAGTGTCTCGACTTCGTCGCTGATGCTTGTCTGTCAAGGCACAGCCT ATTGTCTCCTTTGCTCAGTGTGACATCATTACAGACGCTTCTACAGAGGTGACAGCCCAAC AGATTCCCAAAAGGACATGATTGAAATCCCTTTGCCTCCATGGCAGGAGAGAAGTATGATGA ATCCATAGAAAACCAAAAGAGCCCGCCTGCTCTATGAGAGCAGAAAAGGGGAATGTTGGA AAACTGCATTCTTCTTAGTCTTTTTGCTAAAGAACATCTGCAGCACATGACAGAAAAGCA GCTGAACCTCTATGACCGCCTGATTAACGAGCCTAGTAATGACTGGGATATTTACTACTG GGCCACAGAAGCTAAACCAGCCCGAGAAATATTTGAAAATGAAGTCATGGCCCTGCTGAG AGACTTTGCTAAAAACAAAAACAAAGAGCAGAGACTGCGTGCCCGAGATCTTGAGTACCT CTTTGAAAAGCCACGTTGAGCTGTGCTCCACGGCCTGGCATGGGGTTTCAGTCTGTGGAT GGTAACTACTTATGATGGACGTTAGCCTTGCTTCCGGCTTCTTAGATGCCAGCTGCCCT ACCCAGACCACTGGTCTGCCTCAAGTATGGACATAACCCTCTCCTAAGACATACATG TAAATGCACAATGTGACTCATTCTCATACTTTTTTTGTTTCAGCTCTGAGCCTCAAAGTAT TTGTCAGCAGCGCTGGCATGCANGCTTTGCCTGGCTGCTATCTCTAGAGGCAAGTCTGCC ACGAGAGGGCACTGCNAGCGAAACAGTTGTGCTTGTCTCATTGCCTCAGCCC
Restriction Sites:	Please inquire
ACCN:	NM_017841
Insert Size:	1192 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_017841.1 , NP_060311.1
RefSeq Size:	1250 bp
RefSeq ORF:	501 bp

Locus ID: 54949

UniProt ID: [Q9NX18](#)

Cytogenetics: 11q12.2

Gene Summary: This gene encodes a mitochondrial protein needed for the flavination of a succinate dehydrogenase complex subunit required for activity of the complex. Mutations in this gene are associated with paraganglioma.[provided by RefSeq, Jul 2010]