

Product datasheet for **MC210456**

Sdhd (NM_025848) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sdhd (NM_025848) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sdhd
Synonyms: 3110001M13Rik; AVLL5809; C78570; PRO19626
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC210456 representing NM_025848
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGTTCTCTTAAAGCTGGGCGTTCTCTGCAGTGGCCAAGGAGCTCGAGCTCTCTACTCCGAAGCC
 GGGTGGTCAGACCCGTTATGTGTGAGCATTCTCCAGGACCAGCCTACCCAAGGACGGTGTGGTACCCA
 GCACATTCACCTGTCACCAAGCCACCACTCTGGTTCCAAGGCTGCATCTCTCCACTGGACCAGTGAAGG
 GTTGTGAGTGTCTGCTCTGGGGCTGATCCCTGCTGGTACTTGAATCCCTGCTCTGTGGTGGACTACT
 CTCTGGCTGCAGCCCTCACCTGCACAGTCACTGGGGCCTGGACAAGTGGTTACCGACTACGTTTCATGG
 GGACACCCTGCCGAAGGCTGCCAGGGCAGGCCTCTGGCACTCTCAGCTTGGACCTTGGCTGGGCTTTC
 TACTTCAATTACCACGATGTCGGCATCTGCAGAGCGGTTGCCATGCTGTGAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_025848
Insert Size: 480 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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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:	<u>NM_025848.3</u> , <u>NP_080124.1</u>
RefSeq Size:	1287 bp
RefSeq ORF:	480 bp
Locus ID:	66925
UniProt ID:	<u>Q9CXV1</u>
Cytogenetics:	9 A5.3
Gene Summary:	Membrane-anchoring subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q).[UniProtKB/Swiss-Prot Function]