

Product datasheet for **SC204670**

SARDH (NM_007101) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SARDH (NM_007101) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SARDH
Synonyms: BPR-2; DMGDHL1; SAR; SARD; SDH
ACCN: NM_007101
Insert Size: 359 bp
Insert Sequence: >SC204670 3'UTR clone of NM_007101

The sequence shown below is from the reference sequence of NM_007101. 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
AACACAAGAGGGTGAAGGGAATCTACTGAGGGCTCAGACCACATGCCCCATCCCATGCTGTCCATCCA
TTCTCACAGTCCCAAATGGCCCTGGGTCCCAGGACCTGGACCCAGCCAGAACTTGTGCCCTCCCTGT
CCTTAGCCTAGGCCTAGTCCTGCGAAAACCCCAACCAGATACGGACAGAGACCAAGATGGCCCATCC
TGTGGTCACTGACTGGAAGGCAGTCTCTAATCCACCCCAATCCTCCAGAAAGCAAACCTGTAAGTGTC
TTGGGCTCAGGGACCATGGCTTGTAGCCCTTCCAAGCTTCTAGAAGGTGCTTAGTAAATACTTGATAA
GCCCCACGTGAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-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).

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_007101.4](#)



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Summary: This gene encodes an enzyme localized to the mitochondrial matrix which catalyzes the oxidative demethylation of sarcosine. This enzyme is distinct from another mitochondrial matrix enzyme, dimethylglycine dehydrogenase, which catalyzes a reaction resulting in the formation of sarcosine. Mutations in this gene are associated with sarcosinemia. Alternatively spliced transcript variants have been described. [provided by RefSeq, Oct 2008]

Locus ID: 1757

MW: 12.6