

Product datasheet for **SC204573**

SARDH (NM_001134707) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SARDH (NM_001134707) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SARDH
Synonyms:	BPR-2; DMGDHL1; SAR; SARD; SDH
ACCN:	NM_001134707
Insert Size:	359 bp
Insert Sequence:	>SC204573 3'UTR clone of NM_001134707 The sequence shown below is from the reference sequence of NM_001134707. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACACAAGAGGGTGAAGGGAATCTACTGAGGGCTCAGACCACATGCCCCATCCCATGCTGTCCATCCA TTCTCACAGTCCCAAATGGCCCTGGGTCCCAGGACCTGGACCCAGCCAGAACTTGTGCCCTCCCTGT CCTTAGCCTAGGCCTAGTCTGCGAAAACCCCAACCAGATACGGACAGAGACCAAGATGGCCCATCC TGTGGTCACTGACTGGAAGGCAGTCTCTAATCCACCCCAATCCTCCCAGAAAGCAAACCTGTAAGTGTC TTGGGCTCAGGGACCATGGCTTGTAGCCCTTCCAAGCTTCTAGAAGGTGCTTAGTAAATACTTGATAA GCCCCACGTGAAAA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_001134707.2</u>



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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