

Product datasheet for **SC123140**

DHRS1 (NM_138452) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHRS1 (NM_138452) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHRS1
Synonyms:	SDR19C1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_138452 edited

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GGACTCTGCCCCCTACCTCAGCACAGAATCGCCCCGGTCTACTACAGAATCAATCCT
TGAACACTGCCTCCACGTCGCCGGCTCAATCTGGGCGAGAACCAGACTTCCACCGCAGC
CCCGCAATCTGCAGACCTCAGCGGCAGCGCAGGTGGCAGACCTGCCTCCTTTGCCTGTGA
GTCATGGCAGCTCCCATGAATGGCCAAGTGTGTGGTACTGGTGCCTCCAGGGGTATT
GGCCGTGGCATTGCCTTGCGAGCTCTGCAAAGCAGGCGCCACAGTTTACATCACTGGCCGC
CATCTGGACACCCTTCGCGTTGTTGCTCAGGAGGCACAATCCCTCGGGGGCCAATGTGTG
CCTGTGGTGTGCGATTCAAGCCAGGAGAGTGAAGTGCGAAGCCTGTTTGAGCAAGTGGAT
CGGGAACAGCAAGGGCGTCTAGATGTGCTGGTCAACAATGCTTATGCAGGGGTCCAGACG
ATCCTGAACACCAGGAATAAGGCATTCTGGGAAACCCCTGCCTCCATGTGGGATGATATC
AACACGTCGGACTCAGAGGCCACTACTTTTGCTCAGTGTATGGGGCACGGCTGATGGTA
CCAGCTGGCCAGGGGCTCATCGTGGTCATCTCCTCCCCAGGAAGCCTGCAGTATATGTTT
AATGTCCTCTATGGTGTGGGCAAGCTGCGTGTGACAAGCTGGCTGCTGACTGTGCCCAC
GAGCTGCGGCGCCATGGGGTCAGCTGTGTGTCTGTGTGGCCGGGGATTGTGCAGACAGAA
CTGCTGAAGGAGCATATGGCAAAGGAGGAGTCTGCAGGATCCTGTGTTGAAGCAGTTC
AAATCAGCCTTCTCATCTGCGGAAACCACAGAATTGAGTGGCAAATGTGTGGTGGCTTTG
GCAACAGATCCCAATATCCTGAGCCTGAGTGGTAAGGTGCTGCCATCCTGTGACCTTGCT
CGACGCTATGGCCTTCGGGATGTGGACGGCCGCCCGTCCAAGACTATTTGTCTTTGAGC
TCTGTTCTCTACACGTGTCCGGCTGGCTGGCTGGCTCCTACCTGCCCTCCTTCCTC
CGTGTGCCCAAGTGGAATTATTGCCCTCTACACTAGCAAGTTCTAACCCCTCCTGGTCTGAC
ACTACGCTCTGCTTGTCTTCTCATTTGGACTTGGTGGTTCGTCCTGTCTCAGTGAACAA
GCAGCCTTTCTTTTACCCATACCCTTGATATGAAGAGAAGCCCTCTGCTGTGTGTCCG
TGGTGAGTTCTGGGGTGCCTAGGTCCCTTCTTTGTGCTTGGTTTTCTTGTCTTCT
TTTTACTTTTGCCTTAGTATTGAAAAATGCTCTTGGAGCTAATAAAAAGTCTCATTCTC
TTTCAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_138452 unedited <pre> NNNAATGTTTCAGGCATTTTGTNAATACGACTTCACNATAGGGNNCGCCGCGCAATTCGG CACGAGGGGACTCTGCCCTCTACCTCAGCACATAATCGCCCCGGGTCCTACTACAGAAT CAATCCTTGAACACTGCCTCCACGTGCGCGGCTCAATCTGGGCGAGAACCAGACTTCCA CCGCAGCCCCGCAATCTGCAGACCTCAGCGGCAGCGCAGGTGGCAGACCTGCCTCCTTTG CCTGTGAGTCATGGCAGCTCCCATGAATGGCCAAGTGTGTGTGGTGAAGTGGTGCCTCCAG GGGTATTGGCCGTGGCATTGCCTTGCAGCTCTGCAAAGCAGGCGCCACAGTTTACATCAC TGGCCGCCATCTGGACACCCCTTCGCGTTGTTGCTCAGGAGGCACAATCCCTCGGGGGCCA ATGTGTGCCTGTGGTGTGCGATTCAAGCCAGGAGAGTGAAGTGCGAAGCCTGTTTGAGCA AGTGGATCGGGAACAGCAAGGGCGTCTAGATGTGCTGGTCAACAATGCTTATGCAGGGGT CCAGACGATCCTGAACACCAGGAATAAGGCATTCTGGGAAACCCCTGCCTCCATGTGGGA TGATATCAACAACGTGGACTCAGAGGCCACTACTTTTGCTCAGTGTATGGGGCACGGCT GATGGTACCAGCTGGCCAGGGGCTCATCGTGGTCATCTCTCCCAAGCCTGCAGTAT ATGTTCAATGTCCTCTATGGTGTGAGCAAAGCTGCGTGTGACAAGCTGGCTGCTGACTGT GCCCACGAGCTGCGGCGCCATGGGGTCAGCTGTGTGTCTCTGTGGCCGGGATTGTGCAG ACAGAAGTGGCTGAGGAGCATATGCANAGGGAGAAGGTCTGCCAGATCCCTGTGTGGAGC AGTTCAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_138452
Insert Size:	1411 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).
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:	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_138452.1 , NP_612461.1
RefSeq Size:	1470 bp
RefSeq ORF:	942 bp
Locus ID:	115817
UniProt ID:	Q96LJ7
Cytogenetics:	14q12
Protein Families:	Druggable Genome

Gene Summary:

This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) family. The encoded enzyme contains a conserved catalytic domain and likely functions as an oxidoreductase. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Nov 2008]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.