

Product datasheet for **SC324927**

DHRS1 (NM_001136050) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHRS1 (NM_001136050) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHRS1
Synonyms:	SDR19C1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC324927 representing NM_001136050. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCAGCTCCCATGAATGGCCAAGTGTGTGGTGACTGGTGCCTCCAGGGGTATTGGCCGTGGCATT
 GCCTTGACAGCTCTGCAAAGCAGGCGCCACAGTTTACATCACTGGCCGCCATCTGGACACCCTTCGCGTT
 GTTGCTCAGGAGGCACAATCCCTCGGGGGCCAATGTGTGCCTGTGGTGTGCGATTCAAGCCAGGAGAGT
 GAAGTGCGAAGCCTGTTTGAGCAAGTGGATCGGGAACAGCAAGGGCGTCTAGATGTGCTGGTCAACAAT
 GCTTATGCAGGGTCCAGACGATCCTGAACACCAGGAATAAGGCATTCTGGAAACCCCTGCCTCCATG
 TGGGATGATATCAACAACGTCGACTCAGAGGCCACTACTTTTGCTCAGTGTATGGGGCACGGCTGATG
 GTACCAGCTGGCCAGGGGCTCATCGTGGTCATCTCCTCCCAAGGAGCCTGCAGTATATGTTCAATGTC
 CCCTATGGTGTGGGCAAAGCTGCGTGTGACAAGCTGGCTGCTGACTGTGCCCACGAGCTGCGGCGCCAT
 GGGGTACAGCTGTGTGTCTCTGTGGCCGGGATTGTGCAGACAGAACTGCTGAAGGAGCATATGGCAAAG
 GAGGAGGTCTGCAGGATCCTGTGTTGAAGCAGTTCAAATCAGCCTTCTCATCTGCGGAAACCACAGAA
 TTGAGTGGCAAATGTGTGGTGGCTTTGGCAACAGATCCCAATATCCTGAGCCTGAGTGGTAAGGTGCTG
 CCATCCTGTGACCTTGTCTGACGCTATGGCCTTCGGGATGTGGACGGCCGCCCGTCCAAGACTATTTG
 TCTTTGAGCTCTGTTCTCTCACAGTGTCCGGCCTGGGCTGGCTGGCCTCCTACCTGCCCTCCTTCCTC
 CGTGTGCCCAAGTGGATTATTGCCCTCTACACTAGCAAGTTCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001136050
Insert Size:	942 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001136050.2
RefSeq Size:	1495 bp
RefSeq ORF:	942 bp
Locus ID:	115817
UniProt ID:	Q96LJ7
Cytogenetics:	14q12
Protein Families:	Druggable Genome
MW:	33.9 kDa
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 (1) represents the longer transcript. Variants 1 and 2 encode the same protein.