

Product datasheet for **SC123694**

DHRS12 (BC009825) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHRS12 (BC009825) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHRS12
Synonyms:	dehydrogenase/reductase (SDR family) member 12; FLJ13639; OTTHUMP00000018441; SDR40C1; short chain dehydrogenase/reductase family 40C, member 1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC009825 edited

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CCGCAGCGTCTTGTGGTTCGCCAAGGGGCTGCGGAGTACACCAAGAGTGGCTATGAATC
TGCATGTAAAGACTTTGTCCCTCATGACTTGGAGGTCCAGATTCTGGAAGAGTCTTTTT
GGTCACTGGAGGAAACAGCGGCATTGGCAAAGCAACTGCCCTTGAAATCGCCAAGCGAGA
ACATTTTTCTGCACATTGTGGAATTGTCTGATCCCAAGCAAATCTGGAATTTGTTGAAA
ATTTCAAGCAGGAACATAAACTCCATGTTCTGATCAATAATGCAGGTTGCATGGTCAATA
AAAGAGAGCTCACAGAAGATGGACTTGAAAAAACTTTGCTGCCAATACTCTGGGTGTGT
ACATTCTCAGACCGGCTGATCCCTGTGCTGGAGAAAGAACACGACCCCGAGTGATAA
CCGTCTCCTCAGGAGGAATGTTGGTTCAGAACTGAACACCAATGATCTCCAGTCCGAAA
GAACACCATTTGATGGAATATGGTCTATGCACAAAACAAGAGGCAGCAAGTGGTCTGA
CGGAGCGGTGGGCCCAAGGGCACCCGGCCATCCATTTTCTTCCATGCATCCTGGCTGGG
CCGACACCCAGACAGGAATGAGCAGGAGCTGAGGAAGGTAGTGGGAGAGGCCAGACTG
CCTCACCCTCCAGGTTTTTGGAAATAATGATGCATGAAGGTAATGCCAGCCACAAG
GACACAGCTCGAATGATCTGGAAGCGTGTGGAGCAGCGGTGGAGGGGAGCAGAATTCTC
TTCCGGATTGGCCTCACCAACTCCATGACCTCAGGCAGCTCACCTGGGCTCTCTGCAGCT
CTTTCCTCCTCTACAAACAAGGGAAGTAAAGCAGCAGCAGCCACAGCACACACCCAGG
GTGCACCCGCGGCGCCAAGAACTGGTCTCAGCGCTGTCTGCGGATTAACGCATTTGTCT
CAAGCCTCTGTGGAGTGGCCACTACTGTCTATTATCACACCCATTTACAGATGAGGGAAC
TGAGGCCAGAGAGGCTAAGACCTCCAGCGGCGCTGGCCATGGGGTTTTGGGAATCAG
GCTCTCACACACTGCTGGCATGGCCTTTCTGAAATCACTATTTATCAGAAGCCTTGGA
TTCATCCTAAGAAATAAAGATAGGGAACAAGGTTGCTTATCACAGTGTGGTGTAGG
AGATGAAGTTAATAAATTATAGAACACCTGTGCAAAATCTGTTTCAGGGCTGAAGACTCTG
CTGCCAATCATGCCTATGAAAAACCCTGTGTGCACTATATCATTAAATGAAGATACCAA
GTTCAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC009825 unedited NATAGCGGTCAAAATTTGTATACGACTCATNATAGGCGGCCGCGNAATTCGCACGAGGCC GCAGCGTCGTGTGGTTCGCCAAGGGCTGCGCGAGTACACCAAGAGTGGCTATGAATCTGC ATGTAAAGACTTTGTCCCTCATGACTTGGAGGTCCAGATTCTGGAAGAGTCTTTTTGGT CACTGGAGGAAACAGCGGCATTGGCAAAGCAACTGCCCTTGAAATCGCCAAGCGAGAACA TTTTTCTGCACATTGTGGACTTGTCTGATCCCAAGCAAATCTGGAATTTGTTGAAAATT TCAAGCAGGAACATAAACTCCATGTTCTGATCAATAATGCAGTTGCATGGTCAATAAAA GAGAGCTCACAGAAGATGGACTTGAAAAAACTTTGCTGCCAATACTCTGGGTGTGTACA TTCTCACGACCGCCTGATCCCTGTGCTGGAGAAAGAACACGACCCCGAGTGATAACCG TCTCTCAGGAGGAATGTTGGTTCAGAACTGAACACCAATGATCTCCAGTCCGAAAGAA CACCATTGATGGAATATGGTCTATGCACAAAACAAGAGGCAGCAAGTGGTTCTGACGG AGCGGTGGGCCCAAGGGCACCGGCCATCCATTTTCTTCCATGCATCCTGGCTGGGCCG ACACCCAGACAGGAATGAGCAGGAGCTGAGGAAGGTAGTGGGAGAGGCCCANACTGCCT CACCCTCCCCAGGTTTTTGGAAATAATGATGCATGAAGGTAAATGCCAGCCACAAGGAC ACAGCTCGAATGATCTGGAAGCGTGTGGAGCANCAGTGGAGGGGAGCAGAATTCTCTTC CGNTTGGCCTACCAACTCCATGACCTCAGGCAGCTCACCTGGGCTCTCTGCAGCTCTTT TCTNCCTT
Restriction Sites:	Please inquire
ACCN:	BC009825
Insert Size:	1353 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:	<u>BC009825.2, AAH09825.1</u>
RefSeq Size:	1344 bp
Locus ID:	79758
Cytogenetics:	13q14.3
Protein Families:	Druggable Genome

Gene Summary:

This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) family, which has over 46,000 members. Members in this family are enzymes that metabolize many different compounds, such as steroid hormones, prostaglandins, retinoids, lipids and xenobiotics. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jul 2012]