

Product datasheet for SC321242

DHRS12 (NM_001031719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DHRS12 (NM_001031719) Human Untagged Clone
Tag:	Tag Free
Symbol:	DHRS12
Synonyms:	SDR40C1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001031719.1

```

GGCACGAGGCCGAGCGTCTTGTGGTTTCGCCAAGGGGCTGCGCGAGTACACCAAGAGTGG
CTATGAATCTGCATGTAAGACTTTGTCCCTCATGACTTGGAGGTCCAGATTCTTGAAG
AGTCTTTTTTGGTCACTGGAGGAAACAGCGCATTGGCAAAGCAACTGCCCTTGAAATCGC
CAAGCGAGAACATTTTTCTGCACATTGTGGACTTGTCTGATCCCAAGCAAATCTGGAAAT
TTGTTGAAAATTTCAAGCAGGAACATAAACTCCATGTTCTGATCAATAATGCAGGTTGCA
TGGTCAATAAAAGAGAGCTCACAGAAGATGGACTTGAAAAAACTTTGCTGCCAATACTC
TGGGTGTGTACATTCTCACGACCGGCCTGATCCCTGTGCTGGAGAAAGAACACGACCCCC
GAGTGATAACCGTCTCCTCAGGAGGAATGTTGGTTCAGAACTGAACACCAATGATCTCC
AGTCCGAAAGAACACCATTGATGGAATATGGTCTATGCACAAAACAAGAGGCAGCAAG
TGGTTCTGACGGAGCGGTGGGCCAAGGGCACCCGGCCATCCATTTTCTTCCATGCATC
CTGGCTGGGCCGACACCCAGACAGGAATGAGCAGGAGCTGAGGAAGGTAGTGGGAGAGG
CCCAGACTGCCTCACCCTCCCCAGGTTTTTGGAAATAATGATGCATGAAGGTAAATGCC
AGCCACAAGGACACAGCTCGAATGATCTGGAAGCGTGTGGAGCAGCGGTGGAGGGGAGC
AGAATTCTTCCGGATTGGCCTCACCAACTCCATGACCTCAGGCAGCTCACCTGGGCTC
TCTGCAGCTCTTCTCCTCTACAAACAAGGGAAGTGAAGCAGCAGCAGCCACAGCACA
CACCCAGGGTGACCCGCGGCCAAGAACTGGTCTCAGCGCTGTCTGCGGATTAAACGC
ATTTGCTCTCAAGCCTCTGTGGAGTGGCCACTACTGTCTATTATCACACCATTTACAGA
TGAGGGAAGTGAAGCCAGAGAGGCTAAGACCTCCAGCCGGGCTGGCCATGGGTTTTT
GGGAATCAGGCTCTCACACACTGCTGGCATGGCCTTTTCTGAAAATCACTATTTATCAGAA
GCCTTGGAATTATCCTAAGAAATAAGATAGGGAACAAAGTTGCTTATCACAGTGCT
GGTGGTAGGAGATGAAGTTAATAAATTATAGAACCTGTGCAAAATCTGTTACAGGCTG
AAGACTCTGCTGCCAATCATGCCTATGGAAAAACCCTGTGTGCACTATATCATTAAATGA
AGATACCAAGTTCAAAAAAAAAAAAAAAAAAAAA
  
```

Restriction Sites: Please inquire


[View online »](#)

ACCN:	NM_001031719
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:	<u>NM_001031719.1, NP_001026889.1</u>
RefSeq Size:	1344 bp
RefSeq ORF:	816 bp
Locus ID:	79758
UniProt ID:	<u>A0PIE2</u>
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] Transcript Variant: This variant (1) encodes isoform 1.