

Product datasheet for SC332930

DHRS12 (NM_001270424) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DHRS12 (NM_001270424) Human Untagged Clone
Tag: Tag Free
Symbol: DHRS12
Synonyms: SDR40C1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332930 representing NM_001270424.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCCCTGTACCGCAGCGTCGTGGTTCGCCAAGGGGCTGCGCGAGTACACCAAGAGTGGCTATGAA
TCTGCATGTAAAGACTTTGTCCCTCATGACTTGGAGGTCCAGATTCTGGAAGAGTCTTTTTGGTCACT
GGAGGAAACAGCGCATTGGCAAAGCAACTGCCCTTGAAATCGCCAAGCGAGGTGGCAGTTTCACTG
GTTTGTGAGATCAAGCCCCAGCAGAAGATGCCAGGGGTGAGATCATCCGGGAGAGCGGTAACCAGAAC
ATTTTTCTGCACATTGTGGAATTGTCTGATCCCAAGCAAATCTGGAATTTGTTGAAAATTTCAAGCAG
GAACATAAACTCCATGTTCTGATCAATAATGCAGTTGTCATGGTCAATAAAAGAGAGCTCACAGAAGAT
GGACTTGAAAAAACTTTGCTGCCAATACTCTGGGTGTGTACATTCTCACGACCGGCCTGATCCCTGTG
CTGGAGAAAGAACACGACCCCCGAGTGATAACCGTCTCCTCAGGAGGAATGTTGGTTCAGAACTGAAC
ACCAATGATCTCCAGTCCGAAAGAACACCATTTGATGGAATATGGTCTATGCACAAAACAGAGGCAG
CAAGTGGTTCTGACGGAGCGGTGGGCCCAAGGGCACCCGCCATCCATTTTCTTCCATGCATCCTGGC
TGGGCCGACACCCAGGTGTGAGGCAGGCGATGCCGGGTTCCACGCCAGGTCGGGGACCGCCTGCGC
TCCGAGGCCAGGGCGCGGACACCATGCTGTGGCTGGCCCTCTCCTCTGCCGACGCCGACAGCCAGC
GGCCGCTTCTTTCAAGATCGGAAGCCAGTTTCTACACACTTGCCTCTCGCTACAGCGTCTCCTCACCG
GCCGAAGAGGAGAACTCATTGAAATCCTGGAACAGCTGGCTCAGACATTTAAATAG
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001270424
Insert Size: 954 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).


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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_001270424.1](#)

RefSeq Size: 1239 bp

RefSeq ORF: 954 bp

Locus ID: 79758

UniProt ID: [A0PIE2](#)

Cytogenetics: 13q14.3

Protein Families: Druggable Genome

MW: 35.1 kDa

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 (3) has multiple differences in the coding region and 3' UTR, including the use of an upstream start codon, compared to variant 1. The resulting protein (isoform 3) has distinct N- and C-termini and is longer than isoform 1.