

Product datasheet for **SC320197**

DHRS7 (NM_016029) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DHRS7 (NM_016029) Human Untagged Clone
Tag: Tag Free
Symbol: DHRS7
Synonyms: CGI-86; retDSR4; retSDR4; SDR34C1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016029.1
 GCTGGCGTGC CGCGCCGCAATGAACTGGGAGCTGCTGCTGTGGTCTGGTCTGTGCG
 CGCTGCTCCTGCTCTTGGTGCAGCTGCTGCGCTTCTGAGGGCTGACGGCGACCTGACGC
 TACTATGGGCCGAGTGGCAGGGACGACGCCAGAATGGGAGCTGACTGATATGGTGGTGT
 GGGTGACTGGAGCCTCGAGTGAATTGGTGAGGAGCTGGCTTACCAAGTTGTCTAAACTAG
 GAGTTTCTCTTGTGCTGTGAGCCAGAAGAGTGCATGAGCTGAAAAGGGTAAAAGAAGAT
 GCCTAGAGAATGGCAATTTAAAAGAAAAAGATATACTTGTCTTGGCCCTTGACCTGACCG
 AACTGGTCCCATGAAGCGGCTACCAAAGCTGTTCTCCAGGAGTTTGGTGAATCGACA
 TTCTGGTCAACAATGGTGAATGTCCAGCGTTCTCTGTGCATGGATACCAGCTTGGATG
 TCTACAGAAAGCTAATAGAGCTTAAGTACTTAGGGACGGTGTCTTGACAAAATGTGTT
 TGCTCACATGATCGAGAGGAAGCAAGGAAAGATTGTTACTGTGAATAGCATCCTGGGTA
 TCATATCTGTACCTCTTCCATTGGATACTGTGCTAGCAAGCATGCTCTCCGGGGTTTTT
 TTAATGGCCTTCGAACAGAACTTGCCACATACCCAGGTATAATAGTTTCTAACATTTGCC
 CAGGACCTGTGCAATCAAATATTGTGGAGAATTCCTAGCTGGAGAAGTCAAAAAGACTA
 TAGGCAATAATGGAGACCAGTCCACAAGATGACAACCAAGTCTGTTGTGTGCGGCTGATGT
 TAATCAGCATGGCCAATGATTTGAAAGAAGTTGGATCTCAGAACACCTTTCTTGTAG
 TAACATATTTGTGGCAATACATGCCAACCTGGGCTGGTGGATAACCAACAAGATGGGGA
 AGAAAAGGATTGAGAACTTAAGAGTGGTGTGGATGCAGACTCTTCTTATTTTAAATCT
 TTAAGACAAAACATGACTGAAAAGAGCACCTGTACTTTTCAAGCCACTGGAGGAGAAAT
 GGAAAACATGAAAACAGCAATCTTCTTATGCTTCTGAATAATCAAAGACTAATTTGTGAT
 TTTACTTTTTAATAGATATGACTTTGCTTCCAACATGGAATGAAATAAAAAATAAATAAT
 AAAAGATTGCCATGAATCTTGCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_016029



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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:	<ol style="list-style-type: none">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_016029.1</u> , <u>NP_057113.1</u>
RefSeq Size:	1282 bp
RefSeq ORF:	1020 bp
Locus ID:	51635
UniProt ID:	<u>Q9Y394</u>
Cytogenetics:	14q23.1
Domains:	adh_short
Protein Families:	Druggable Genome, Transmembrane
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. [provided by RefSeq, Apr 2016]