

Product datasheet for **SC319513**

HSD17B14 (NM_016246) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSD17B14 (NM_016246) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSD17B14
Synonyms:	DHRS10; retSDR3; SDR47C1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_016246.2 <pre> GGGGCTTTGGAGGTGAAAGAGGCCAGAGTAGAGAGAGAGAGACCGACGTACACGGGA TGGCTACGGGAACGCGCTATGCCGGGAAGGTGGTGGTCTGACCGGGGCGGGCGCGCA TCGGAGCTGGGATCGTGC GCGCTTCGTGAACAGCGGGGCCGAGTGTTATCTGCGACA AGGATGAGTCTGGGGGCGGGCCCTGGAGCAGGAGCTCCCTGGAGCTGTCTTTATCCTCT GTGATGTGACTCAGGAAGATGATGTGAAGACCCTGGTTTCTGAGACCATCCGCCGATTTG GCCGCTGGATTGTGTTGTCAACAACGCTGGCCACCACCCACCCACAGAGGCCTGAGG AGACCTCTGCCAGGGATTCCGCCAGCTGCTGGAGCTGAACCTACTGGGGACGTACACCT TGACCAAGCTCGCCCTCCCTACCTGCGGAAGAGTCAAGGGAATGTCATCAACATCTCCA GCCTGGTGGGGCAATCGGCCAGGCCAGGCAGTTCCTATGTGGCCACCAAGGGGCGAG TAACAGCCATGACCAAAGCTTTGGCCCTGGATGAAAGTCCATATGGTGTCCGAGTCAACT GTATCTCCCCAGGAAACATCTGGACCCCGCTGTGGGAGGAGCTGGCAGCCTTAATGCCAG ACCCTAGGGCCACAATCCGAGAGGGCATGCTGGCCAGCCACTGGGCCGATGGGCCAGC CCGCTGAGGTGCGGGCTGCGGCAGTGTTCTGGCTCCGAAGCCAATTCTGCACGGGCA TTGAACTGCTCGTGACGGGGGTGCAGAGCTGGGTACGGGTGCAAGGCCAGTCGGAGCA CCCCGTGGACGCCCCGATATCCCTTCCTGATTTCTCTATTCTACTTGGGGCCCCCT TCCTAGGACTCTCCACCCCAACTCCAACCTGTATCAGATGCAGCCCCCAAGCCCTTAG ACTCTAAGCCAGTTAGCAAGGTGCCGGTCCACCTGCAGGTTCCCATAAAAACGATTTG CAGCCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_016246



[View online »](#)

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_016246.2</u> , <u>NP_057330.2</u>
RefSeq Size:	1277 bp
RefSeq ORF:	813 bp
Locus ID:	51171
UniProt ID:	<u>Q9BPX1</u>
Cytogenetics:	19q13.33
Domains:	adh_short
Protein Families:	Druggable Genome
Gene Summary:	17-beta-hydroxysteroid dehydrogenases, such as HSD17B14, are primarily involved in metabolism of steroids at the C17 position and also of other substrates, such as fatty acids, prostaglandins, and xenobiotics (Lukacik et al., 2007 [PubMed 17067289]).[supplied by OMIM, Jun 2009]