

## Product datasheet for **SC205920**

### HSD3B2 (NM\_000198) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** HSD3B2 (NM\_000198) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HSD3B2  
**Synonyms:** HSD3B; HSDB; SDR11E2  
**ACCN:** NM\_000198  
**Insert Size:** 444 bp  
**Insert Sequence:** >SC205920 3'UTR clone of NM\_000198  
The sequence shown below is from the reference sequence of NM\_000198. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGAGACCCTGAAGTCCAAGACTCAGTGAATTTAAGGATGACAGAGATGTGCATGTGGGTATTGTTAGG
AAATGTCAACAACTCCACCCACCTGGCTTCATACAGAAGGCAACAGGGGCACAAGCCAGTCCCTGCT
GCCTCTCTTTCACACAATGCCCAACTTACTGTCTTCTTTCATGTCAATCTGCACAGTCACTGGCC
CAACCAGAACTTTCTGTCTTAATCATAACCAGAAGACAAACAATATGATTTGCTGTTACCAAATCTCA
GTGGCTGATTCTGAACAATTGTGGTCTCTTAACTTGAGTTCTCTTTTACTAATAGAGCTCCATTT
CCCCTCTAAATGAGAAAGCATTCTTTTCTCTTAATCTCCTATTCTTACACAGTTCAACATAAAG
AGCAATAAATGTTTTAATGCTTAACATGGA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_000198.4](#)



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**Summary:** The protein encoded by this gene is a bifunctional enzyme that catalyzes the oxidative conversion of delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. It plays a crucial role in the biosynthesis of all classes of hormonal steroids. This gene is predominantly expressed in the adrenals and the gonads. Mutations in this gene are associated with 3-beta-hydroxysteroid dehydrogenase, type II, deficiency. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Oct 2009]

**Locus ID:** 3284

**MW:** 16.5