

Product datasheet for **SC205919**

HSD3B2 (NM_001166120) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HSD3B2 (NM_001166120) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HSD3B2
Synonyms: HSD3B; HSDB; SDR11E2
ACCN: NM_001166120
Insert Size: 444 bp
Insert Sequence: >SC205919 3'UTR clone of NM_001166120
The sequence shown below is from the reference sequence of NM_001166120. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGGAGACCCTGAAGTCCAAGACTCAGTGAATTTAAGGATGACAGAGATGTGCATGTGGGTATTGTTAGG
AAATGTCATCAAACCTCCACCCACCTGGCTTCATACAGAAGGCAACAGGGGCACAAGCCCAGTCCCTGCT
GCCTCTCTTTCACACAATGCCCAACTTACTGTCTTCTTCATGTTCATCAAATCTGCACAGTCACTGGCC
CAACCAGAACTTTCTGTCTTAATCATAACCAGAAGACAAACAATATGATTTGCTGTTACCAAATCTCA
GTGGCTGATTCTGAACAATTGTGGTCTCTCTTAACCTTGAGGTTCTCTTTTGACTAATAGAGCTCCATTT
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_001166120.2](#)



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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