

## Product datasheet for **SC335410**

### HSD11B1L (NM\_001267868) Human Untagged Clone

#### Product data:

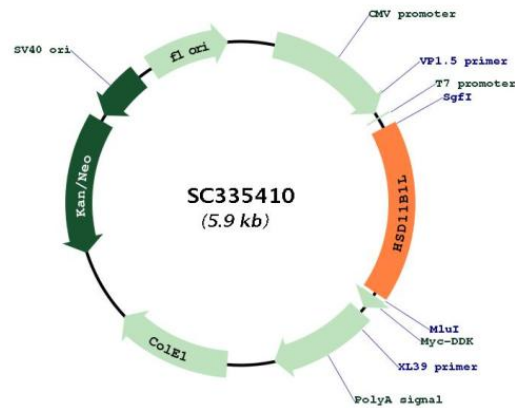
Product Type:	Expression Plasmids
Product Name:	HSD11B1L (NM_001267868) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSD11B1L
Synonyms:	11-beta-HSD3; 11-DH3; HSD1L; HSD3; SCDR10; SCDR10B; SDR26C2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335410 representing NM_001267868. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAAATCTCGGCACACTACAATTCTGCCTCCAGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCA
AATATCTGGATTACAGGCATGCCTGTGCCGCCACCTCTGTCCCCTGTCCCTCTGCAGGCCACACAGG
ACCATGAAGGTGCTTCTCCTCACAGGGCTGGGGCCCTGTTCTTCGCCTATTATTGGGATGACAATTC
GACCCAGCCAGCCTCCAGGGAGCGGAGTGTCTGCTGACAGGGCCAACGCTGGTGTGGTGAGGAGCTG
GCCTATCACTACGCGCTCTGGGCTCCACCTGGTGTCTACTGCCACACTGAGGCTCTCCTGCAGAAG
GTGGTAGGGAAGTCCCGAAGCTGGGCGCCCAAGGTCTTCTACATCGCGCGGACATGGCCTCCCT
GAGGCGCCCGAGAGCGTGGTGCAGTTTGCCTGGACAAGCTGGGCGGGCTGGACTACCTCGTGTGAAC
CACATCGGCGGCCCCCGGCCGCGCAGCCGAGCCCGAGCCCGAGGCAACTCGCTGGCTCATGCAGGTA
AACTTTGTGAGCTACGTGCAACTGACGTGCGGGCGCTGCCAGCCTGACGGACAGCAAGGGCTCCCTG
GTGGTGGTGTCTCGCTGCTCGGCCGCTGCCACGTCTTCCACTCCCTACTCGGCGCCAAGTTT
GCGCTGGACGGCTTCTTCGGCTCCCTGCGGCGGGAGCTGGACGTGACGAGCAGTGAACGTGGCCATCACC
ATGTGCGTCTGGGCTCCGAGATCGCGCTCCGCCGAGGAGTCAAGGGAGTCAAGGGGTCAAG
GCGGCCCGGGGCCAAGGCAGCCCTGGCCGTGATCCGCGGCGGCCACGCGCGCGGCCGCGCTTC
TACCCGTGGCGTTTCCGCTGTGTGCTTGTCTCGGCGTGGTACCAGCCCGCGGGCTGGTTATC
CGCCAGGAGCTCAACGTACGGCCGCGGAGCC TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001267868

**Insert Size:** 1002 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).

**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\\_001267868.1](#)

**RefSeq Size:** 2098 bp

**RefSeq ORF:** 1002 bp

**Locus ID:** 374875

**Cytogenetics:** 19p13.3

**Protein Families:** Druggable Genome

**MW:** 35.9 kDa

**Gene Summary:** This gene is a member of the hydroxysteroid dehydrogenase family. The encoded protein is similar to an enzyme that catalyzes the interconversion of inactive to active glucocorticoids (e.g. cortisone). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2012]  
Transcript Variant: This variant (g) represents the longest transcript and the longest protein (isoform g).