

## Product datasheet for **RC233319**

### HSD11B1L (NM\_001267869) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** HSD11B1L (NM\_001267869) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**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)  
**ORF Nucleotide Sequence:** >RC233319 representing NM\_001267869  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGGTAACTTTGTGAGCTACGTGCAACTGACGTGCGGGCGCTGCCAGCCTGACGGACAGCAAGG  
GCTCCCTGGTGGTGTCTCCTCGCTGCTCGGCCGCGTCCACAGTCGTTCTCCACTCCCTACTCGGCGGC  
CAAGTTTTCGCTGGACGGCTTCTCGGCTCCCTGCGGGGAGCTGGACGTGCAGGACGTGAACGTGGCC  
ATCACCATGTGCGTCTGGGCTCCGAGATCGGCCTCCGCCGCCGAGGCAGTCAGGGGAGTCACGAGGG  
TCAAGGCGGCCCGGGCCCAAGGCAGCCCTGGCCGTGATCCGCGCGGCCACGCGCGCGGCCGCGCT  
CTTCTACCCGTGGCGTTTCCGCCTGCTGTGCTTGTCTCCGCGCTGGCTACCGCGCCCGGGCGCTGTTT  
ATCCGCCAGGAGCTCAACGTCACGGCCGCGCAGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC233319 representing NM\_001267869  
**Red=Cloning site Green=Tags(s)**  
MQVNFVSYVQLTSRALPSLTDSKGLVVVSSLLGRVPTSFSTPYSAAKFALDGGFFGSLRRELDVQDVNVA  
ITMCVLGLRDRASAAEAVRGVTRVKAAPGPKAALAVIRGGATRAAGVFYPWRFRLCLLRRWLPRPAWF  
IRQELNVTAAAA

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

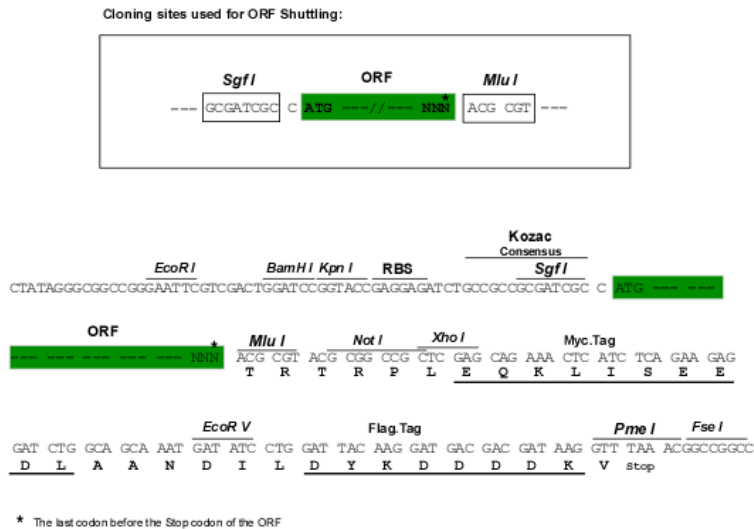
**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1460\\_g10.zip](https://cdn.origene.com/chromatograms/ja1460_g10.zip)



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM\_001267869

ORF Size: 456 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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\\_001267869.2](#)

RefSeq Size: 1785 bp

RefSeq ORF: 459 bp

Locus ID: 374875

UniProt ID: [Q7Z5J1](#)

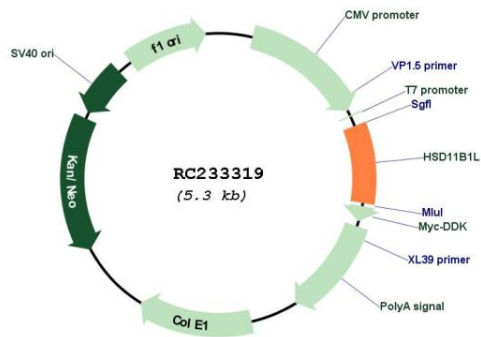
Cytogenetics: 19p13.3

Protein Families: Druggable Genome

MW: 16.5 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]

**Product images:**



Circular map for RC233319