

Product datasheet for RC221286

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HSD11B1L (NM_198708) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: HSD11B1L (NM_198708) 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 >RC221286 representing NM_198708

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC221286 representing NM_198708

Red=Cloning site Green=Tags(s)

MQVNFVSYVQLTSRALPSLTDSKGSLVVVSSLLGRVPTSFSTPYSAAKFALDGFFGSLRRELDVQDVNVAITMCVLGLRDRASAAEAVRGVTRVKAAPGPKAALAVIRGGATRAAGVFYPWRFRLLCLLRRWLPRPRAWF

IRQELNVTAAAA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

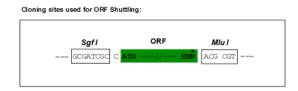
Chromatograms: https://cdn.origene.com/chromatograms/ja1460 g10.zip

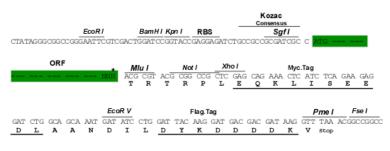




Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_198708

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: <u>NM 198708.3</u>

RefSeq Size: 1565 bp
RefSeq ORF: 459 bp
Locus ID: 374875



 UniProt ID:
 Q7Z5|1

 Cytogenetics:
 19p13.3

Protein Families: Druggable Genome

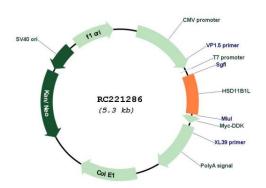
MW: 16.3 kDa

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 RC221286