

Product datasheet for **RG221286**

HSD11B1L (NM_198708) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: HSD11B1L (NM_198708) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: HSD11B1L
Synonyms: 11-beta-HSD3; 11-DH3; HSD1L; HSD3; SCDR10; SCDR10B; SDR26C2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG221286 representing NM_198708
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGGTAAACTTTGTGAGCTACGTGCAACTGACGTGCGGGCGCTGCCAGCCTGACGGACAGCAAGG
 GCTCCCTGGTGGTGTCTCCTCGCTGCTCGGCCGCGTCCACACGTCGTTCTCCACTCCCTACTCGGCGGC
 CAAGTTTGGCGTGGACGGCTTCTCGGCTCCCTGCGGGGAGCTGGACGTGCAGGACGTGAACGTGGCC
 ATCACCATGTGCGTCTGGGCTCCGAGATCGCGCCTCCGCCGCCGAGGCAGTCAGGGGAGTCACGAGGG
 TCAAGGCGGCCCGGGCCCAAGGCAGCCCTGGCCGTGATCCGCGCGGCCACGCGCGCGGCCGCGCT
 TTCTACCCGTGGCGTTTCCGCCTGCTGTGCTTGTCTCCGCGCTGGCTACCGCGCCCGCGGGCCTGTTT
 ATCCGCCAGGAGCTCAACGTCACGGCCGCGCAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG221286 representing NM_198708
 Red=Cloning site Green=Tags(s)

MQVNFVSYVQLTSRALPSLTDSKGSLLVVSSLLGRVPTSFSTPYSAAKFALDGGFFGSLRRELDVQDVNVA
 ITMCVGLRLDRASAAEAVRGVTRVKAAPGPKAALAVIRGGATRAAGVFYPWFRLLCLLRRRLPRPRAWF
 IRQELNVTAAAA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	<ol style="list-style-type: none">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:	<u>Q7Z5J1</u>
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome
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]