


Product datasheet for **SC307781**

HSD11B1L (NM_198708) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSD11B1L (NM_198708) 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:	>SC307781 representing NM_198708. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCAGGTAAACTTTGTGAGCTACGTGCAACTGACGTCGCGGGCGCTGCCAGCCTGACGGACAGCAAG
GGCTCCCTGGTGGTGGTGTCTCGCTGCTCGGCCGCTGCCACGTCGTTCTCCACTCCCTACTCGGCG
GCCAAGTTTGGCTGGACGGCTTCTTCGGCTCCCTGCGGGGAGCTGGACGTGCAGGACGTGAACGTG
GCCATCACCATGTGCGTCTGGGCTCCGAGATCGGCCTCCGCCCGAGGCAGTCAGGGGAGTCACG
AGGGTCAAGGCGGCCCGGGGCCAAGGCAGCCCTGGCCGTGATCCGCGCGGCCACGCGCGCGGCC
GGCGTCTTCTACCGTGGCGTTTCCGCCTGCTGTGCTTCCGCGCTGGCTACCGCGCCCGGGGCC
TGGTTTATCCGCCAGGAGCTCAACGTACGCGCCGCGGAGCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	
ACCN:	NM_198708
Insert Size:	459 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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_198708.2
RefSeq Size:	1848 bp
RefSeq ORF:	459 bp
Locus ID:	374875
UniProt ID:	Q7Z5J1
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome
MW:	16.5 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (d) has multiple differences in the coding region, and initiates translation at an alternate downstream in-frame start codon, compared to variant g. The encoded isoform (d) is shorter than isoform g. Variants d and j encode the same protein.</p>