

Product datasheet for RC233428

HSD11B1L (NM_001267870) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: HSD11B1L (NM_001267870) 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: >RC233428 representing NM_001267870
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGAAGGTGCTTCTCCTCACAGGGCTGGGGCCCTGTTCTTCGCCTATTATTGGGATGACAACTTCGACC
 CAGGTAACCTTTGTGAGCTACGTGCAACTGACGTCGCGGGCGCTGCCAGCCTGACGGACAGCAAGGGCT
 CCCTGGTGGTGTCTCGCTGCTCGCCGCGTGCACGTCGTTCTCCACTCCCTACTCGCGGCCAA
 GTTTGCGCTGGACGGCTTCTCGGCTCCCTGCGCGGGAGCTGGACGTGCAGGACGTGAACGTGGCCATC
 ACCATGTGCGTCTGGGCTCCGAGATCGGCCTCCGCGCCGAGGCAGTCAGGGGAGTCACGAGGGTCA
 AGGCGGCCCGGGGCCAAGGCAGCCCTGGCCGTGATCCGCGGCGGCCACGCGCGCGGCCGCGCTT
 CTACCCGTGGCGTTTCCGCTGCTGTGCTTGTCCGCGCTGGCTACCGGCCCGCGGCCCTGGTTATC
 CGCCAGGAGCTCAACGTACGGCCGCGGACGCTGAGCACCGGGGGTGCCTCCAGTCCAGACGGCA
 ATGTTCTCCCTCCAACGTCCCTGGAGCCAGAACAACACTCACAGAGACACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233428 representing NM_001267870
 Red=Cloning site Green=Tags(s)

MKVLLL TGLGALFFAYYWDNFDPGKLCERATDVAGAAQPDGQQLPGGGVLAARPAHVVLHSLGGQ
 VCAGRLLRLPAAGAGRAGRERGHVHPGPPRSRLRRRGSQGSHEGQGGPGAQGSPPGRDPRRRHARGRRL
 LPVAFPPAVLAPALATAPAGLVYPPGAQRHGRGSLSTGGCPSSPRRQCSSLQLSLEPEHSQRHP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001267870

ORF Size: 612 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_001267870.2](#)

RefSeq Size: 1625 bp

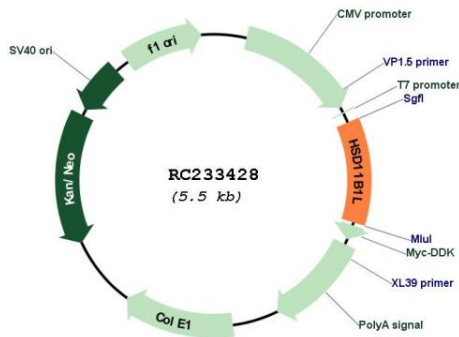
RefSeq ORF: 615 bp

Locus ID: 374875

UniProt ID: [Q7Z5J1](#)

Cytogenetics: 19p13.3
Protein Families: Druggable Genome
MW: 21.8 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 RC233428