

Product datasheet for **MC200820**

Hsd17b2 (BC012682) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hsd17b2 (BC012682) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hsd17b2
Synonyms: AI194836; AI194967; AI255511
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC012682
 CCACGCGTCCGGCCAGAGCAAGTGAAGGCCAGTGGAGAATGAGCCCGTTTGCCTCTGAGTCAGCATGGC
 TCTGCTTGGCTGCCGCTGCAGTGTGGGGGACGCTTCTGCGGATGCCGGAGTGGCAGGCAGCTGCC
 GAGCCAGGCGGTGTGTCTCGCTGGCCTCTGGGGAGGTGCCTGCCTGCTCAGTCTGTCCCTCTGCACC
 TTGTTCTCTTATCCGTGGCCTGCTTCTTCTGTATATGAGTTCATCTGACCAAGACTTGTTACCTG
 TGGATCAAAGGCCGTGCTGGTACAGGTGCTGATCCGGTTTCGGTACGGTTTGGCCAAGCACCTGGA
 CAAGCTGGGTTTACAGTGTGCTGGAGTGTGGACAAAGAGGGCCCGGAGCAGAGGAAGTGAAGAAA
 CACTGCTCTGAGCGTCTTTCAGTGTCCAGATGGATGTCACCAAGCCAGAGCAGATAAAGATGCTCACA
 GCAAAGTCACAGAGAAGATAAAGACAAAGGACTGTGGGCCGTGGTTAACAATGCCGGGGTCTTCCACTT
 ACCTATCGACGGGAACTCATACCCATGAGCATCTACAGAAAATGCATGGCCGTGAACCTTCTCGGAACT
 GTCGAGGTCACCAAGGCGTTTCTGCCTCTACTTAGAAAAGTCCAAGGGGAGGCTGGTGAACGTCAGCAGCA
 TGGGAGGCACGGTTCCACTTTAAATGACATCAGCTTATGCAGCCACAAAGGCAGCTTAACCATGTTCTC
 AACAATCATCAGACAGGAGCTTGACAAATGGGGAGTTAAAGTTGTGACCATCAAACCCGGAGGCTTCAA
 ACAAACATCACAGGCTCACAGGACATTTGGGATAAAATGGAGAAGGAAATCCTGGACCACTTTTCCAAAG
 ATATTCAGGAGAACTATGGCCAGGACTACGTCCATACACAGAAGCTCATCATCCCGACCTTGAAAGAGAG
 GTCCAACCCGGACATCACCCCTGTGCTTCGGGACATCCAGCATGCCATTTCTGCAAGGAACCCCTTCC
 TTTTATTACCCAGGGCGAATGGCTTACCTGTGGGTCTGCTTAGCAGCCTACTGCCCCACCAGCTTACTTG
 ACTATGTTATAAAAAAGGTTTTATCCACAACCCACGCCGAGAGCTTTAAGGACAGTGCCTAGAAAGCA
 CAAGGCCCCAGTGGGGTGGGAATGTCACATTTAAGATGAAAGCAAACCTCTTATTAACCTAATTTT
 CTACCTCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC012682
Insert Size: 684 bp



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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).
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:	BC012682 , AAH12682
RefSeq Size:	1282 bp
RefSeq ORF:	684 bp
Locus ID:	15486
Cytogenetics:	8 E1
Gene Summary:	Capable of catalyzing the interconversion of testosterone and androstenedione, as well as estradiol and estrone. Also has 20-alpha-HSD activity. Uses NADH while EDH17B3 uses NADPH (By similarity).[UniProtKB/Swiss-Prot Function]