

## Product datasheet for MC208711

### Hsd17b1 (NM\_010475) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hsd17b1 (NM_010475) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hsd17b1
Synonyms:	17beta-HSD; 17HSDB1; E2DH; Hsd17ba
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208711 representing NM_010475 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCCACGGTAGTGCTCATTACCGTTGCTCCTCTGGAATCGGCATGCACTTGGCTGTTGCGCTAG  
CTTCTGACCGTTCCAGAGCTTCAAAGTTTATGCCACATTGCGGGACCTGAAGGCACAGGGACCATTGTT  
GGAGGCCGCCAGGACTCAAGGATGCCCTCTGGCTCCTGGAGATACTGGAATTGGATGTCAGAGACTCC  
AAATCTGTGGCTGCTGCCAGGCATGCGTGACTGAGGGTGTGGTGTACTGGTCTGTAATGCTGGCC  
GCGGCTTGTGGCCGCTAGAAGCACATGAATTGAACGCTGTGGTGTGTGTTGGATGTGAATGTGCT  
TGGGACCATTCGGATGCTGCAGGCCTTTCTGCCAGACATGAAGAGCGCCACTCTGGGCGTGTGGTG  
ACCGCGAGTGTGGGAGGCTTGTGGGACTGCCATTCCACGAAGTGTACTGTGCCAGCAAGTTTGGCCTCG  
AAGTTTGTGCGAGAGTCTGGCGATCCTGCTGCCGCTCTTTGGAGTCCATGTGAGCCTCATCGAGTGTGG  
GGCAGTGCACACAGCCTTCTATGAAAAGCTGGTGGCGGGCCCCGGCGGGGCTCTGGAACGAGCAGATGCC  
CAGACCCGCCACCTTTTGGCCTACTGCGTGGTTATGAGCAAGCCCTGAGCGAGGCGCAGGACCCAG  
AGGAGGTGACGGAGCTCTTCTGACTGCAATGCGAGCCCCGAGCCCGCTGCGCTACTTCTCCACGAA  
CCGCTTCTACCCCTGGCCGAATGCGCACAGAGGATCCAGTGGCAGCAGCTATGTGCGGGCCATGCAC  
CAAGAAGCCTTCTAATCTGCAGACCCAGGAGAATGCCAAGGCTGGGGCCAAAGTCCCGGGGCTCGG  
ACACGGCCTCCAGCGCCCTCATTTGCCTCCCTGAATGTGCAATCCCTAGGGTGGCATCTGAATTGGGGT  
GTCTGCATCGGATAAACCGGGTCAAGACAATTCATGTTACCAGCAAAAGATCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1734\\_b03.zip](https://cdn.origene.com/chromatograms/ja1734_b03.zip)



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_010475
<b>Insert Size:</b>	1035 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC125657</a> , <a href="#">AAI25658</a>
<b>RefSeq Size:</b>	1317 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	15485
<b>UniProt ID:</b>	<a href="#">P51656</a>
<b>Cytogenetics:</b>	11 64.17 cM
<b>Gene Summary:</b>	Favors the reduction of estrogens and androgens. Uses preferentially NADH. [UniProtKB/Swiss-Prot Function]