

## Product datasheet for **MC200079**

### **HsdI2 (BC002211) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	HsdI2 (BC002211) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	HsdI2
Synonyms:	2610207I16Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC002211  
 GAAAGTTCGCCTGTCACACTCACAGCTCGCTGCTGTTCCACTGCCACCAAGTTCTCTGAACTGCGAAGGTCA  
 TGCTGCCCAACTGGGAAGCTAGCGGGATGCACAGTTTTTATCACAGGTGCAAGCCGAGGCATTGGCAA  
 AGCAATTGCCTTGAAAGCCGCAAAGGATGGAGCCAATATTGTCATTGCTGCGAAGACCACCCAAAAGCAC  
 CCGAAACTCCTCGGCACAATCTACACGGCTGCTGAAGAAATTGAAGCAGCTGGAGGGACGGCCTTGCCTT  
 GTGTTGTTGATGTGAGAGATGAACAGCAAATCAACAGTGCAGTGGAGAAAGCTGTGGAGAAATTTGGAGG  
 AATTGATATTTTTGGTGAACAATGCCAGTGCTATTAGCTTGACCAACACGTTGGACTCCGACCAAGAGA  
 GTGGACTTGATGATGAATGTGAACACCAGGGGCACCTACCTTACATCCAAGCATGTATTCTTTTTTAA  
 AAAAGAGCAAAGTAGGTCATATTCTCAATCTCAGCCACCCCTGAACCTAAACCCACTGTGGTTCAAACA  
 GCACTGTGCTTATACCATTGCCAAATATGGCATGTCTATGTGTGTGCTTGGGATGGCTGAAGAATTTAGA  
 GGTGAAATTCAGTCAATGCCTTATGGCTAGAACAGCCATTCACTGCTGCTATGGATATGCTGGGAG  
 GATCTGGTGTGAAAACCAATGTAGAAAAGTTGACATCATTGCGGACGCTGCATATTCATTTTTCAAAG  
 GCCAAAAGTTTTACTGGCACTTTATTATTGATGAAAATATCTTAAAAGAAGAAGGAATAAAAATTTT  
 GATGTCTACGAATTGCACCAGTCCCTTGTACCGATTCTTCTTAGATGAACCCAGATGCAG  
 TTATGGAGGAGAAAGAATCAAATGACTCTGTGCCAGAAGTGAAAGAAGAGAAGCTGCAGTGCAGGAGGA  
 GTCACAGCTACAGAAGCAGCCACAGCTGCAGGAGCAGCCACAGCTGCAGGAGAAGCCACAGCTGCAGGAG  
 AAGCCACAGCTGCAGGAGCAGCCACAGCTGCAGCAGCAGCCACAGCTGCAGGAGAAGCCACAGCTGCAGG  
 AGCAGCCACAGCAACGGGAACAGCCACAGCTGCAGCAGCAGCCACGGCCACGGCAACAGCCACAGCCATT  
 TGTGCAGTCAATGCTACCACAAAACCACATTTTGGAGCTGTGGAAGAAACATTTAGAATTTGTAAGGAC  
 TCTCTCAGTGTGAAGTTGTTAGAGCGACACAAGCTGTCTATCAGTTTGAACCTCAGGTGAAGATGGTG  
 GTACGTGGTTTTCTTATGATTAAGAGCAAAGCGGGGAAGTTGGACACGGAGGCCCTCTGACCGGCAGCA  
 CGTGGTGATGAGTATGGCCACTGATGATTTTGTCAAAATGTTTTCAGGAAATTAAGCCAACCATGGCA  
 TTTATGTCAGGAAAGTTGAAGATTAAGGAAACATAGCCCTAGCAATCAAATTGGAGAACTAATGACCC  
 AGATGAATTTCTAGACTATGAAGGACAAGAAGTAACAATGTTGACTCTCCTCAGAAGTAAAAAGCTCAGCA  
 GTTAGAAATCTGTTGTCTCCCCACTGTATGTAAGGACATATAAGTTTGTCTAGAAAAGAGTAGAATT  
 TCTGTATCTATAAGATTTGAACTGTAATAAAACAATAACCAATCACATACAAGTTTAATTAAGTGAC  
 ATCCTAATATATTGTGGTTTTTCCAAGTTTTCTCTCTATGCCTTATTTTCATTGCTTTCTTGCAG  
 AAAAGTATGTATCATGAACAACCAATTGGTATCAAGCAATAAAATTAGCTGTTTACAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** BC002211

**Insert Size:** 1491 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).

**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:** [BC002211](#), [AAH02211](#)

RefSeq Size: 1893 bp  
RefSeq ORF: 1491 bp  
Locus ID: 72479  
Cytogenetics: 4 B3  
Gene Summary: Has apparently no steroid dehydrogenase activity.[UniProtKB/Swiss-Prot Function]