

Product datasheet for **RN215178**

Hsd17b3 (NM_054007) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hsd17b3 (NM_054007) Rat Untagged Clone
Tag: Tag Free
Symbol: Hsd17b3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215178 representing NM_054007
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAACAGTTCCTCCTTTCCGTGGGGCTGCTTGTGTGCCTCGTTTGCCTGGTGAAGTGTGTGAGGTTCT
CCCGGTACCTTTTCTGAGCTTCTGCAAGGCTTTACCAGGGTCTTTCCTGAGATCAATGGGACAATGGGC
AGTGATCACCGGAGCAGCGGATGGCATCGGAAAGCCTATTCATTTGAGCTGGCCAGACATGGACTCAAT
GTTGTACTTATCAGCCGACACTGGAAAAGCTACAGGTCATCTCAGAAGAGATTGAGAGGACCACTGGAA
GCCGTGTGAAGGTTGTACAAGCAGATTTTACCAGAGAAGACATCTATGACCATATTGAAGAACAACCTTAA
AGGCTTAGAAATAGGAGTTTGTAGTCAACAATGTTGGAATGCTCCCAACCTGCTCCCAAGTCATTTCTCTG
AGCACGTCCGGTGAGAGCCAGAGTGTACTCCACTGCAACATTACCTCCGTAGTCAAGATGACACAGCTTG
TTCTCAAACACATGGAATCAAGGCGGAGAGGCCTCATCTTGAATATTTCTCGGGAGTAGGGTTCTGTC
CTGGCCTCTGTATAGCCTGTACTCAGCTTCCAAGGCTTTGTGTGCACATTTTCCAAGGCTTTGAATGTG
GAATACAGAGATAAAGGAATCATTATCCAGGTGCTGACCCCTTATTCTGTTTCAACCCCAATGACTAAGT
ACCTAAATACCAGCAGGGTGACCAAGACCGCCGATGAGTTTGTTAAAGAATCCTTGAAATATGTCACGAT
TGGAGCTGAAACCTGTGGCTGCCTTGCTCATGAAATCTTGGCGATAATTCTGAACCTGATTCCTCCAGA
ATCTTCTACAGCAGCACCACCAAGATTTCTCCTGAAGCAGTCTCAGATTACCTGAAGAGCAACATCA
GCAACAGAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_054007
Insert Size: 921 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:	<u>NM_054007.1</u> , <u>NP_446459.1</u>
RefSeq Size:	1111 bp
RefSeq ORF:	921 bp
Locus ID:	117182
UniProt ID:	<u>O54939</u>
Cytogenetics:	17p14
Gene Summary:	catalyzes the final step of testosterone biosynthesis in the testis [RGD, Feb 2006]