

## Product datasheet for RN202567

### Hsd17b7 (NM\_017235) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hsd17b7 (NM\_017235) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Hsd17b7  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN202567 representing NM\_017235  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCGGAAGGTGGTTTTGATTACCGGGGCGAGCAGTGGCATTGGGCTGGCCCTTTGCGGTCCGGTGTGG  
 CAGAAGACGATGACCTTCACCTGTGTTTTGGCGTGTAGGAACCTGAGCAAAGCAGGAGCTGTCCGTGATGC  
 CCTGTGGCCTCTCACCCCTCCGCCGAGGTCAGCATTGTGCAGATGGATGTCAGCAACTGCAGTCGGTG  
 GTCCGGGGAGCAGAGGAAGTCAAGCGAAGTTTTCAAAGATTAGACTACTTATACCTGAACGCCGGAATCA  
 TGCCCTAACCCCAAGCTAAACCTCAAAGCGTTTTCTGTGGTATCTTTTCAAGAAATGTGATTCATATGTT  
 CTCACAGCGGAAGGACTTTTGACCCAGAATGACAAGATTACTGCTGATGGGTTCCAGGAGGTGTTTGAA  
 ACCAATCTCTTTGGCCACTTTATCCTGATTCGGGAAGTGAACCACTTCTCTGCCACAGTGACAACCCCT  
 CTCAGCTCATCTGGACGTCTTCTCGAAATGCAAAGAGTCTAACTTCAGTCTTGAGGACATCCAGCACGC  
 CAAAGGCCAGGAACCTTACAGCTCTTCCAATACGCTACTGACCTCCTGAATGTAGCTTTGAACAGGAAT  
 TTCAATCAGAAGGTCTGTATTCAGTGTGACGTGTCCAGGGTCTGTAATGACCAATCTGACGTATGGGA  
 TTCTGCCCCCTTTGTTGGACGTGCTTCTCCGGTGATATGGCTCCTTCGCTTTTTTGACATGCGTT  
 CACTGTGACACCGTACAATGGTGCAGAGGCATTGGTGTGGCTTTTCCACCAAAAACCGGAGTCTCTCAAC  
 CCTCTGACCAAATACTTGAGCGGCACCACAGGATTAGGGACTAATTATGTCAAGGGCCAAAAGATGGACG  
 TAGATGAAGACTGCAGAAAAGTTCTACAAGACCTTACTGGAGCTAGAAAAGCAAGTCAGGATCACCAT  
 TCAGAAATCAGATCACACAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_017235  
**Insert Size:** 1005 bp



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|-------------------------------|---|
| <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="#">NM_017235.3</a> , <a href="#">NP_058931.1</a>   |
| <b>RefSeq Size:</b>           | 1704 bp   |
| <b>RefSeq ORF:</b>            | 1005 bp   |
| <b>Locus ID:</b>              | 29540   |
| <b>UniProt ID:</b>            | <a href="#">Q62904</a>  |
| <b>Cytogenetics:</b>          | 13q24   |
| <b>Gene Summary:</b>          | a phosphoprotein that associates with the short form of the prolactin receptor [RGD, Feb 2006]  |