

## Product datasheet for **RN204522**

### Hsd17b10 (NM\_031682) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hsd17b10 (NM_031682) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hsd17b10
Synonyms:	Hadh2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204522 representing NM_031682 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCTGCGCGTGTCTGGAGCGTGAAGGGCCTGGTGGCAGTAATAACCGGAGGAGCCTCGGGCCTTGCC  
TGCTACAGCCAAAAGACTGGTGGGACAAGGAGCCACAGCTGTACTTCTGGACGTCCCTAACTCAGAGG  
TGAGACCGAAGCCAAGAAGTTAGGAGGAACTGCATATTTGCCCCAGCAAATGTGACCTCTGAGAAGGAG  
GTACAAGCAGCTTTGACTCTAGCAAAGAAAAGTTGGCCGTATAGATGTGGCTGTCAACTGTGACGGCA  
TTGCAAGTGGCCATTAAGACATACCACGAAAAGAAGAACCGTCCACACCTTGGAGGACTCCAGCGGGT  
TATCAATGTGAATCTCATAGGCACTTTCATGTGATCCGCTGGTGTGGTGTGATGGGCCAGAATGAA  
CCAGACCAGGGAGGTCAACGTGGAGTTATCATTAACTGCCAGTGTGGCTGCTTTTGAGGGCCAGGTTG  
GACAAGCTGCATACTCTGCATCCAAAGGGGCGATAGTGGGCATGACACTGCCCATTTGCTCGAGATCTGCC  
TCCTATAGGCATCCGTGTGGTAAACAATTGCTCCAGGTCTGTTGCCACCCCACTGCTTACCCTCTGCCA  
GACAAAGTGCGCAACTTCTTGCCAGCCAGGTACCCTTCCCAGCCGACTAGGTGACCCCGCGGAATATG  
CTCATCTGGTACAGATGGTAATCGAGAACCATTCTTGAATGGAGAGTTCATCCGGCTGGATGGGCCAT  
TCGAATGCAGCCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031682
Insert Size:	786 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_031682.1</a> , <a href="#">NP_113870.1</a>
<b>RefSeq Size:</b>	917 bp
<b>RefSeq ORF:</b>	786 bp
<b>Locus ID:</b>	63864
<b>UniProt ID:</b>	<a href="#">O70351</a>
<b>Cytogenetics:</b>	Xq13
<b>Gene Summary:</b>	a type 10 17beta-hydroxysteroid dehydrogenase enzyme of the mitochondria [RGD, Feb 2006]