

Product datasheet for RN208169

Hsd17b2 (NM_024391) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hsd17b2 (NM_024391) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hsd17b2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208169 representing NM_024391 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCCGTTTTCTCTGAGTCAGCATGGCTCTGCTTGACTGCCACTGCGGTGCTGGGGGCATGCTTC
TCTGCAAAGCCTGGAGTTCAGGGCAGCTAAGGAGCCAGTGTTGTCTGGCTGGCCTCTGGGGAGGTGC
CTGCCTGCTCAGCTGTCCCTCCTGCGACTTGTTCCTTATCGGTGTCCTGCTTCTTCTTCTGTAT
GTGAGTTCATCTGACCAAGACTTGTACCTGTGGATCAAAGGCTGTGCTGGTGACAGGTGCCGATTCCG
GTTTCGGTCATGCTTTGGCCAAGCACCTGGACAAGCTGGGTTTCACAGTGTGCTGGAGTGCTGGATAA
AGAGGGCCAGGAGCGGAGGAATTGAGGAAAACTGCTCTGAGCGCCTTCGGTGTCCAGATGGATGTC
ACCAAGCCAGAGCAGATAAAAGATGTTACAGCGAAGTCGAGAGAAGATAACAAGACAAAGGACTGTGGG
CTGTGGTCAACAATGCTGGGGTCTTGCACTTCCGATCGACGGGAACTCATTCCCATGACCGTGTACAG
AAAATGCATGGCAGTGAATCTTCGGAGCCGTCGAGGTCACCAAGGTGTTTCTGCCTCTACTTAGAAAG
TCCAAGGGGAGGCTGGTTAACGTCAGCAGCATGGGAGCCATGATTCCATTCAGATGGTGCCCGCTACG
CCTCCACGAAGGCAGCTATAAGCATGTTCTCAGCCGTCATCAGGCAAGAGCTTGCCAAATGGGGAGTCAA
AGTCGTGACCATCCATCCTGGAGGCTTCCAACAACATCGTAGGCTCACAGGACAGTTGGGATAAAATG
GAGAAGGAGATCCTGGACCACTTTTCCAAGAGATTTCAGGAGAACTATGGACAGGAATATGTCCATACGC
AGAAGCTCGCCCTCCCGTCATGAGAGAGATGTCCAACCCGGATATCACCCCTGTGCTGCGGGACATCCA
GCACGCCATTTGTGCCAAGAACCCTCTTCTTTTATTGCTCAGGGAGAATGACTTACCTGTGGATCTGC
TTCGCGCCTACTCCCGATCAGCTTATTGGACTATATTTGAAAACTATTTACTCCAAAACATCATGC
CAAGAGCTTTAAGGACAGCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_024391



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Insert Size:	1146 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:	<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_024391.1</u> , <u>NP_077367.1</u>
RefSeq Size:	1289 bp
RefSeq ORF:	1146 bp
Locus ID:	79243
UniProt ID:	<u>Q62730</u>
Cytogenetics:	19q12
Gene Summary:	17-beta hydroxysteroid enzyme that regulates the biological activity of sex hormones, including estrogen and androgens [RGD, Feb 2006]