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Product datasheet for RN213495

Hsd17b11 (NM_001004209) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hsd17b11 (NM_001004209) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hsd17b11
Synonyms:	Dhrs8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>RN213495 representing NM_001004209
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGTACCTTCTTGACCTGATCCTGCTGCTGCCTCTGCTTATTGTCTTCTGCATTGAGTCTTTCATCA
AGCGTTTGATTCCCAAGAAGAAAAAATCCGTCGCTGGAGAGATCGTTCTGATCACCGGAGCTGGTCATGG
GATTGGAAGACTGACCGCCTACGAATTTGCCAAACTAAACACCAAACTGGTTCTGTGGGATATCAATAAG
AATGGCATCGAGGAAACAGCGGCGAAGTGCAGGAAGCTAGGTGCCCAGGTCCATCCCTTTGTGGTGGACT
GCAGCCAGCGGGAAGAGATTTACAGCGCTGTGAGAAAGGTAAAGGAAGAAGTTGGAGATGTTAGCATTCT
GGTAAATAATGCCGGCGTTGTCTACACTGCAGATCTATTTGCTACGCAGGACCCTCAGATTGAAAAGACT
TTCGAAGTCAATGTGCTTGCACACTTTTGGACCACCAAGGCATTTCTCCCAGCCATGATGAAGAATAATC
ATGGTCATGTTGTCACCGTGGCGTCGGCAGCAGGGCACACCGTCGTTCCCTTCCTGCTGGCTTACTGTTC
TAGCAAGTTTGCTGCTGTTGGCTTCCACAGAGCCTTGACTGATGAACTGGCTGCCTTGGGATGCACTGGA
GTCCGAACATCCTGCCTCTGCCCTAACTTCATAAATACCGGCTTCATCAAGAACCCGAGCACCAATTTAG
GGCCCACCCTGGAACCTGAGGAGGTGGTAGAGCATCTCATGCACGGGATCCTCACTAACCAGAAGATGAT
CTTCGTCCCGGGCTCTATAGCGCTTTTGACAGTATTGGAAAGGGTGTTTCCTGAGAGATTCCTGGACGTT
CTAAAGCGCAGGATCAACGTTAAGTTCGATGCTGTTGTTGGCTACAAAGATAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001004209
Insert Size:	897 bp

View online »

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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:	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:	NM_001004209.1, NP_001004209.1
RefSeq Size:	1622 bp
RefSeq ORF:	897 bp
Locus ID:	289456
UniProt ID:	Q6AYS8
Cytogenetics:	14p22
Gene Summary:	Can convert androstan-3-alpha,17-beta-diol (3-alpha-diol) to androsterone in vitro, suggesting that it may participate in androgen metabolism during steroidogenesis. May act by metabolizing compounds that stimulate steroid synthesis and/or by generating metabolites that inhibit it. Has no activity toward DHEA (dehydroepiandrosterone), or A-dione (4-androste-3,17-dione), and only a slight activity toward testosterone to A-dione.[UniProtKB/Swiss-Prot Function]

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