

Product datasheet for RN215622

Hsd3b2 (NM_017265) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hsd3b2 (NM_017265) Rat Untagged Clone
Tag: Tag Free
Symbol: Hsd3b2
Synonyms: Hsd3b1; Hsd3b2l1; Hsd3b6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215622 representing NM_017265
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCTGGGTGGAGCTGCCTGGTACTGGAGCAGGAGGGTTTTTGGGCCAGAGGATCGTCCAGTTGTTGG
TGCAGGAGAAAGATCTGAAGGAGGTGAGGTCCTGGACAAGGTCTTCAGACCAGAAACCAGAGAAGAATT
CTTCAACCTAGGGACAAGCATCAAGGTGACAGTGTGGAAAGGAGACATTCTTGACACCCAGTGCCTGAGG
AGAGCGTGCCAGGGCATCTCTGTTGTATCCACACTGCCGCCCTCATTGATGTCACAGGTGTCAATCCCA
GGCAGACCATCCTAGATGTCAATCTGAAAGGTACCCAGAATCTGTTGGAGGCCTGTGTCCAAAGCTAGTGT
GCCAGCCTTACTACTGCAGCAGATTGACGTTGCAGGGCCCAACTCCTACAAGAAGATCATCCTGAAT
GGCCATGAGGAAGAGCATCATGAAAGCAGATGGTCAATCCATACCCATACAGCAAAAAGATGGCCGAGA
AGGCAGTGCTGGCAGCCAATGGGAGCATCCTGAAAAATGGTGGCACATTGCATACTTGTGCCTTAAGGCC
CATGTACATTTATGGGGAGAGAAGTCCATTCTTCTGTGATGATACTTGCAGCCCTCAAAAAGTAAGGGT
ATTCTGAATGTTACTGGCAAATCTCCATAGCCAATCCAGTGTATGTAGGCAATGTGGCCTGGGCACATA
TTCTGGCTGCCAGGGCCTTCGAGACCCCAAGAAGTCAAAAATGTCCAAGGACAGTTCTACTACATCTC
AGATGACACCCCTCACCAAGCTATGATGATTTAAATTATACCCTGAGCAAGGAATGGGGCCTCCACCTT
GATTCCAGTTGGAGCCTTCTCTGCCCTGCTCTACTGGCTTGCCTTCTGCTGGAATTTGTGAGCTTCT
TTCTGCATCCAGTGTACAATAAGGCCATCCTTTAACCGCCACTTGGTCACTGTCAAATAGCAAGTT
CACTTTCTCCTACAAGAAAGCTCAGAGAGATCTGGGCTATAAGCCACTTGTGAGTGGGAGGAAGCCAA
GAGAAAACCTCGGAGTGGATCGGGACACTAGTGGAGCAGCACAGGGAGACATTGGACACAAAGTCTCAGT
AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_017265
Insert Size:	1122 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_017265.4</u> , <u>NP_058961.4</u>
RefSeq Size:	1697 bp
RefSeq ORF:	1122 bp
Locus ID:	29632
UniProt ID:	<u>Q62878</u>
Cytogenetics:	2q34
Gene Summary:	enzyme responsible for the production of progesterone as well as the precursors of androgens, estrogens, glucocorticoids and mineralcorticoids [RGD, Feb 2006]