

Product datasheet for MC205747

Hsd3b4 (NM_008294) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hsd3b4 (NM_008294) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hsd3b4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>BC013449</p> <pre> CTTTCCTCAGCCTGTGCATCACTTCTCTGAATCAATCCACAGGAGTACCTTATATCACATCTGCACCC TCAACTATCTGATTCTGTGTTGACCATGCCTGGGTGGAGCTGCCTGGTGACAGGAGCAGGAGGGTTTCT TGGCCAGAGGATTGTCCGAATGTTGGTGCAGGAGGAAGAGCTGCAGGAGATCAGAGCCCTGTTCAGGACC TTCGGTGCAAAACAGGAAGAGGAATTGTCCAAGCTGCAGACAAAGACCAAGGTGACAGTACTGAAGGGAG ACATTCTGGATGCCAGTGCCTGAAGAGAGCCTGCCAGGGCATGTCTGCTGTCATCCACACCCGCTGCTGC TATTGACCCCTTGGTGCCGCTTCCAGACAGACCATCCTAGATGTCAATCTGAAAGGTACTCAGTCTCTA CTGGATGCTTGTGTGGAAGCCAACGTGCCAACATTCATCTACAGCAGTCACTGCTTGTGGCTGGACCAA ATTCTACAAGGAGATCATCCTGAATGCCCATGAGGAGGAGCATCATGAAAGCACATGGTCTAACCATA CCCATACAGCAAAAAGATGGCTGAGAAGGCAGTCTGGCAGCCAATGGGAGCATCCTGAAAAATGGTGGC ACTTTGCATACTTGTGCCTTAAGACTCTTTTCATCTATGGGGAAGAATGCCAAGTCACTCAACCACTG TGAAAACAGCACTGAAGAACAACAGCATAATTAAGAAAAATGCCACATTCTCCATCGCCAACCCAGTGTA TGTGGCAATGCAGCCTGGGCTCACATTCTGGCTGCCAGGAGCCTACAGGACCCTAAGAAGTCCCAAGC ATCCAAGGACAGTTCTATTACATTACAGATGACACCCCTCACAAAGCTATGATGACTTAAAAATGCACCC TGAGCAAGGAGTGGGCTCCGCTTGATACCAGTGGAGTCTTCTCTGCCCCTGCTCTACTGGCTTGC CTTCTCCTGGAACTGTGAGCTTCTGCTACGTCAGTCTACAATAAGACCACATTTAACCCTC TTGATCACAGTGTAAATAGTGATTACCTTCTCCTACAAGAAGGCTCAGCGAGATCTGGGCTATGAGC CACTTGTGAGCTGGGAGGAAGCCAAGCAGAAAACCTCAGAGTGGATCGGAACACTAGTGTGACGACAG GGAGATTGAAAACAAAAGTCACAGTGATGAAGAGGGAGAGGACATGGCCCTGGGTGTTATTAGGTCC TCCAGAAAGGGACTTAGAAACAATCCAACCTTTACAATTTCCATTTTACACTCTGTCCAACCTTGTCTTTG GGTCACCAAGAAGCCTTGAAGTCACTGGCCAGTTGCAACCCCTCAGCTTAAGCACTTGTCCAGCAATG CACAAGATGTGCCTCAGCTGCTGTGACCAAGGATAGGTGGCTGATAGTGAGTTGCCTGGAACCTTGTG AGGTTAGAATTTTCATCAGGGCTTCTCATCTCCTTTCCATGTGCCAACGCATTTTCGTGCTGAGAAAAAT CCCATACCTTTATGAAGTCAAAGAAAAGAACAATAAAATCTTTAATGCTTAATGTGAAAAA AAAAA </pre>
Restriction Sites:	RsrII-NotI
ACCN:	NM_008294



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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>BC013449</u> , <u>AAH13449</u>
RefSeq Size:	1614 bp
RefSeq ORF:	1122 bp
Locus ID:	15495
UniProt ID:	<u>Q61767</u>
Cytogenetics:	3 42.79 cM
Gene Summary:	<p>Responsible for the reduction of the oxo group on the C-3 of 5alpha-androstane steroids. Catalyzes the conversion of dihydrotestosterone to its inactive form 5alpha-androstanediol, that does not bind androgen receptor/AR. Does not function as an isomerase.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>