

Product datasheet for MC208712

Hsd17b3 (NM_008291) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hsd17b3 (NM_008291) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hsd17b3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208712 representing NM_008291
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAAGCTCTTCATTGCTGCAGGGCTCTTCGTGGCCTGGTTTGCCTGGTGAAGTGCATGAGGTTCT
 CGCAGCACCTTTTCTGAGGTTCTGCAAGGCTTTGCCAAGCTCTTCTCGCATCAATGGGACAATGGGC
 AGTGATTACCGGAGCAGGCGATGGCATCGGAAAGCCTATTCATTTGAGTTGGCCAGACATGGACTCAAT
 GTTGTACTTATTAGTCGGACACTGGAAAAGCTACAGACCATTGCAGAAGAGATTGAGAGGACCACTGGAA
 GCTGTGTGAAGATTGTACAAGCAGATTTTACCAGAGAAGACATCTATGACCATATTAAGAACACCTTGA
 AGGCTTAGAAATAGGAATTTTAGTCAACAACGTTGGAATGCTCCCCAGCTTTTCCCAAGCCATTTCTG
 AGCACTCCGGTGAGAGCCAGAATCTCATCCACTGCAACATTACCTCCGTAGTCAAGATGACACAGCTTG
 TTCTCAAACACATGGAGTCAAGGAGGAAAGGCCTCATCTTGAATATTTCTCAGGCGCAGCCCTTCGTCC
 CTGGCCTCTTTACAGCCTGTACTCAGCTTCCAAGGCTTTTGTGTACACATTTTCCAAGGCTCTGAGTGTG
 GAATACAGAGATAAAGGAATCATTATTCAGGTGCTGACCCCTTATTCTATTTCAACCCCAATGACAAAGT
 ACCTAAATAACAAGATGACCAAGACCGCGATGAGTTTGTAAAGAATCCTTGAAATATGTCACGATCGG
 AGCTGAATCCTGTGGCTGCCTTGCATGAAATCATTGCAATAATTCTGAACCGGATCCCTTCCAGAATC
 TTCTATAGCAGCACCGCTCAACGATTCTCCTGACACGATACTCAGATTACCTCAAACGCAACATCAGCA
 ACAGATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008291
Insert Size: 918 bp



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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:	<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_008291.3</u> , <u>NP_032317.2</u>
RefSeq Size:	1286 bp
RefSeq ORF:	918 bp
Locus ID:	15487
UniProt ID:	<u>P70385</u>
Cytogenetics:	13 B3
Gene Summary:	Favors the reduction of androstenedione to testosterone. Uses NADPH while the two other EDH17B enzymes use NADH.[UniProtKB/Swiss-Prot Function]