

Product datasheet for **SC126052**

HSD17B11 (BC008650) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HSD17B11 (BC008650) Human Untagged Clone
Tag:	Tag Free
Symbol:	HSD17B11
Synonyms:	17beta-HSD11; dehydrogenase/reductase (SDR family) member 8; Dhrs8; hydroxysteroid (17-beta) dehydrogenase 11; Pan1b; retinal short-chain dehydrogenase/reductase 2; retinal short-chain dehydrogenase/reductase SDR2; RETSDR2; retSDR2; SDR2
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >OriGene sequence for BC008650 edited
 ACGGGAGTTCTCTTGCTCTCGCCCTACTCTTTCTGGTGTAGATCGAGCAACCCTCT
 AAAAGCAGTTTAGAGTGGTAAAAAAAAAAAAAAAAACACACCAAACGCTCGCAGCCACAAAA
 GGGATGAAATTTCTTCTGGACATCTCTGCTTCTCCCGTTACTGATCGTCTGCTCCCTA
 GAGTCCTTCGAGAAGCTTTTCATTCTAAGAGGAGAAAAATCAGTCACCGGCGAAATCGTG
 CTGATTACAGGAGCTGGGCATGGAATTTGGGAGACTGACTGCCTATGAATTTGCTAAACT
 AAAAGCAAGCTGGTTCTCTGGGATATAAATAAGCATGGACTGGAGGAAACAGCTGCCAAA
 TGCAAGGGACTGGGTGCCAAGGTTACATACCTTTGTGGTAGACTGCAGCAACCGAGAAGAT
 ATTTACAGCTCTGCAAAGAACTGCAAGGCAGAAATTTGGAGATGTTAGTATTTTAGTAAAT
 AATGCTGGTGTAGTCTATACATCAGATTTGTTTGTACACAAGATCCTCAGATTGAAAAG
 ACTTTTGAAGTTAATGTACTTGACATTTCTGGACTACAAAGGCATTTCTTCTGCAATG
 ACGAAGAATAACCATGGCCATATTGCTACTGTGGCTTCGGCAGCTGGACATGTCTCGGTC
 CCCTTCTACTGGCTTACTGTTCAAGCAAGTTTGTCTGCTTGGATTTTCATAAACTTTG
 ACAGATGAACTGGCTGCCTTACAAATAACTGGAGTCAAAACAACATGTCTGTGCCTAAT
 TTCGTAACACTGGCTTACATAAAAGATGAGTACAAGTTTGGGACCCACTCTGGAACT
 GAGGAAGTGGTAAACAGGCTGATGCATGGGATTCTGACTGAGCAGAAGATGATTTTTATT
 CCATCTTCTAACTGCATTTAACAACATTGAAAAGGATCCTTCTGAGCGTTTCTCGGCA
 GTTTTAAACGAAAAATCAGTGTAAAGTTTGTGCAAGTATTGGATATAAAATGAAAAGCG
 CAATAAGCACCTAGTTTCTGAAAAGTATTTACCAGGTTTAGGTTGATGTCATTAATA
 GTGCCAGAATTTAATGTTTGAACCTTCTGTTTTTCTAATTATCCCCATTTCTTCAATAT
 CATTTTGGAGCTTTGGCAGTCTTACTTACTACCACTGTTCTTTAGCCAAAAGCTGAT
 TACATATGATATAAACAGAGAAAATACCTTTAGAGGTGACTTTAAGGAAAAATGAAGAAAA
 GAACCAAAATGACTTTATTAATAAATTTCCAAGATTATTTGTGGCTCACCTGAAGGCTT
 TGCAAAAATTTGTACCATAACCGTTTATTTAACATATATTTTTATTTTGTGACTTAA
 ATTTTGTATAATTTGTGTTTCTTTTCTGTTCTACATAAAATCAGAAAATCAAGCTCTC
 TAAATAAAATGAAGGACTATAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC008650 unedited
 ATTTTGTAAATACGACTCCACTATAGGGCGCGCCGCAATTCAGTTGCTGGTGACCGGTG
 CCGGAATTCCTGGGATATCGTCCACCCACGCGTCCGACGGGATTCCTCCTTGCTCTCGC
 CCTACTCTTCTGGTGTAGATCGAGCAACCCTCTAAAAGCAGTTTAGAGTGGTAAAAA
 AAAAAAAAAACACACCAAACGCTCGCAGCCACAAAAGGGATGAAATTTCTTCTGGACATC
 CTCCTGCTGTGTGCCGTTACTGATCGTCTGCTCCCTAGAGTCTTTCGTGAAGCTTTTTAT
 TCCTAAGAGGAGAAAAATCAGTCACCGGCGAAATCGTGCTGATTACAGGAGCTGGGCATGG
 AATTGGGAGACTGACTGCCTATGAATTTGCTAACTTAAAAGCAAGCTGGTTCTCTGGGA
 TATAAATAAGCATGGACTGGAGGAAACAGCTGCCAAATGCAAGGGACTGGGTGCCAAGGT
 TCATACCTTTGTGGTAGACTGCAGCAACCGAGAAGATATTTACAGCTCTGCAAAGAAGGT
 GAAGGCAGAAATTTGGAGATGTTAGTATTTTAGTAAATAATGCTGGTGTAGTCTATACATC
 AGATTTGTTTGTACACAAGATCCTCAGATTGAAAAGACTTTTGTAGTTAATGTACTTGCC
 ATTTCTGGACTACAAAGCATTCTTCTCTGCATGACGAAGAATACCATGGCCACTATGTCA
 CTGTGGCTTTCGAGCTGGACATGTCTCCGTCCTTTCTACTGGCTACTGNTCAGCCA
 GTTTGCTGCTNGTGATTTCAAACTTTGACAGATGACTGGCTGCCCTACAAATACTGGA
 GTCCAAACANCTGTCTGTGTCCTAATTTNCTAAACTGGCTCATCAAAATCCAGTACAG
 TTGGGGACCACTCTGGACCTGAGAAGTGGTAACAGCTGAGCTGGGATCTGACGACCAAGA
 TGATTTATTCTCT

Restriction Sites: NotI-NotI
ACCN: BC008650

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:	BC008650.1 , AAH08650.1
RefSeq Size:	1484 bp
Locus ID:	51170
Cytogenetics:	4q22.1
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	Short-chain alcohol dehydrogenases, such as HSD17B11, metabolize secondary alcohols and ketones (Brereton et al., 2001 [PubMed 11165019]).[supplied by OMIM, Jun 2009]