

Product datasheet for **SC214048**

HSD3B7 (NM_001142778) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HSD3B7 (NM_001142778) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HSD3B7
Synonyms: CBAS1; PFIC4; SDR11E3
ACCN: NM_001142778
Insert Size: 1350 bp
Insert Sequence: >SC214048 3'UTR clone of NM_001142778
 The sequence shown below is from the reference sequence of NM_001142778. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCGGGAGCTGGAGCAGCGGGCAACCC TGA TGGGCGGCCAGGTATACTTCTGCTACGATGGATCACCT
ACAGGAGCTACGAGGATTTCAACATGGAGTTCTGGGCCCTGCGGACTGCGGCTGGTGGGCGCCCGCC
CATTGCTGCCCTACTGGCTGCTGGTGTCTGGCTGCCCTCAATGCCCTGCTGCAGTGGCTGCTGCGGC
CACTGGTCTCTACGCACCCCTGCTGAACCCCTACACGCTGGCCGTGGCCAACACCACCTTCACCGTCA
GCACCGACAAGGCTCAGCGCATTTCGGCTATGAGCCCTGTTCTCGTGGGAGGATAGCCGGACCCGTA
CCATTCTCTGGGTACAGGCCGCTACGGGTTACGCCAGTGACGGTGGGGCTGGGGCTGGAGGCCCAGA
TACAGCACATCCACCCAGGTCCCGAGCCCTCACACCTGGACGGGAAGGGACAGCTGCATTCCAGAGCA
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TGAGACAGGGTCTTGCTCTGTCAACCAGACTGGAGTGCAGTGGTGTGATCATAGCTCACTGCACCCTCA
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ACACCTGGCTTTTTTTTGTGTTTTTAGAGACAGGGTCTCACTATATTGCTCAGGCTGGTCTTGAACCTC
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TGGCCCAAGCCCTCCACATTTTCAATCCAGGAGCCTTGAGTCTGTGTTGTGCTGACACCTCCAAGTT
CTAGGGCCGTCAGGACACGGGAGGGTTGGGGACAGAGTGCCTTCTCTGCTCCTCATCCCAGTCCCT
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AAGCGAGCAGAGGCTCCACAGGCTTACGCTGCTCCTGACAGCCACACGCGACCCTCGGTGCAGAGTG
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TTCCCACCTCTCTACCTAAGTTCCTTCCCAGCACATCGCCAGCCCTGGGCTGGGGATGTCCCAATGC
TGTACCTGGCTGACCCCGGATTAAGGCTCATCCACGA
ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001142778.2
Summary:	This gene encodes an enzyme which is involved in the initial stages of the synthesis of bile acids from cholesterol and a member of the short-chain dehydrogenase/reductase superfamily. The encoded protein is a membrane-associated endoplasmic reticulum protein which is active against 7-alpha hydroxylated sterol substrates. Mutations in this gene are associated with a congenital bile acid synthesis defect which leads to neonatal cholestasis, a form of progressive liver disease. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2008]
Locus ID:	80270
MW:	49.1