

## Product datasheet for **SC211588**

### HSD3B7 (NM\_025193) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	HSD3B7 (NM_025193) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HSD3B7
Synonyms:	CBAS1; PFIC4; SDR11E3
ACCN:	NM_025193
Insert Size:	994 bp
Insert Sequence:	>SC211588 3'UTR clone of NM_025193 The sequence shown below is from the reference sequence of NM_025193. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGCGATCGCC
GTACAGGCCGCTACGGGTTACGCCAGTACGCGTGGGGCTGGGGCCTGGAGGCCAGATACAGCACATC
CACCCAGGTCGCCGAGCCCTCACACCCTGGACGGGAAGGGACAGCTGCATTCCAGAGCAGGAGGCAGGGC
TCTGGGGCCAGAATGGCTGTCCTTGTCGTAGAGCCCTCCACATTTCTTTTTCTTTTTGAGACAGGGT
CTTGCTCTGTACCCAGACTGGAGTGCAGTGGTGTGATCATAGCTCACTGCACCCTCAACCTCCTGGGT
TCAAGCAATCCTCCTGCCTCAGCCTCCTGAACAGCTGGGACCACAGGTGCACGCCACCACACCTGGCTT
TTTTTTGTTGTTTTAGAGACAGGGTCTCACTATATTGCTCAGGCTGGTCTTGAACCTCCTGGGCTCAAG
TGATCTTCCCACGTGGGCTCCCAAAACGCTGAACTACAAGTGTGAGCCACCGCGCTGGCCCAAGCC
CTCCACATTTTCAATCCAGGAGCCTTGAGTCTGTGTTGTGTCCTGACACCTCCAAGTCTAGGGCCGTC
AGGACACGGGAGGGTTTTGGGACAGAGTGTCTCCTCTGTCCTCTCATCCAGTCTGATGGCCGCTT
GGTGAGTGTCTGGTGCCCTGGTGGCCTGCCCCAGCTCTTCTGGCTTTCTGAGCAGGAAGCGAGCAGA
GGCTCCACAGGCTTACGCTGCTCCTGACAGCCACACGCGACCCCTCGGTGCAGAGTGCAGAGGCGGCT
CTGGTTCCCTCCAGCCACCTCAGTCCCTCTTTGGGAGGTGATGTTCCCATTTGTTTTCAAAGCCCTACC
TTCAACTGTCTGTCTTAGAATCCCCTCTGGAGGGCTATGGCCTCCCTATGCTTTCACTTCCCACCTCT
CTACCTAAGTTTCTTCCCAGCACATCGCCAGCCCTGGGCTGGGGATGTCCCAATGCTGTACCTGGCT
GACCCCGATTAAGCCTCATCCACGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_025193.4</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	80270
<b>MW:</b>	35.5