

Product datasheet for **SC206499**

CYP3A7 (NM_000765) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CYP3A7 (NM_000765) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CYP3A7
Synonyms: CP37; CYP11A7; P-450(HFL33); P-450111A7; P450-HFLA; P450HLp2
ACCN: NM_000765
Insert Size: 494 bp
Insert Sequence: >SC206499 3'UTR clone of NM_000765
 The sequence shown below is from the reference sequence of NM_000765. 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
TCAAGGGATGAGACCGTAAGTGGAGCCTGATTTCCCTAAGGACTTCTGGTTTGTCTTTAAGAAAGCTG
TGCCCCAGAACCAGAGACCTCAAATTACTTTACAAATAGAACCCTGAAATGAAGACGGGCTTCATCC
AATGTGCTGCATAAATAATCAGGGATTCTGTACGTGCATTGTGCTCTCATGGTCTGTATAGAGTGTT
ATACTTGTAATATAGAGGAGATGACCAAATCAGTGCTGGGGAAGTAGATTTGGCTTCTCTGCTTCTCA
TAGGACTATCTCCACCACCCAGTTAGCACCATTAACTCCTCCTGAGCTCTGATAACATAATTAACAT
TTCTCAATAATTTCAACCACAATCATTAAATAAAAAATAGGAATTATTTTGGTCTTAACAGTGACATT
TATATCATGTGTATATCTGTAGTATTCTATAGTAAGCTTTATATTAAGCAAATCAATAAAAACTCTT
TACAAAAGTAT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

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_000765.5](#)



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Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes, which participate in drug metabolism and the synthesis of cholesterol, steroids and other lipids. This enzyme hydroxylates testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the formation of estriol during pregnancy. This gene is part of a cluster of related genes on chromosome 7q21.1. Naturally-occurring readthrough transcription occurs between this gene and the downstream CYP3A51P pseudogene and is represented by GenID:100861540. [provided by RefSeq, Jan 2015]

Locus ID: 1551

MW: 18.6