

Product datasheet for **SC203159**

CYP2A7 (NM_000764) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CYP2A7 (NM_000764) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CYP2A7
Synonyms: CPA7; CPAD; CYP2A; CYP11A7; P450-IIA4
ACCN: NM_000764
Insert Size: 284 bp
Insert Sequence: >SC203159 3'UTR clone of NM_000764
The sequence shown below is from the reference sequence of NM_000764. 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
AACTACACCATGAGCTTCTGCCCCGCTGAGCGAGGGCTGTGCCGGTGCAGGTCTGGTGGGCGGGGCCA
GGGAAAGGCGGGGTCAGGGCGGGGTTCCGCGGAAGAGGCGGGTATAAGAATGGGGGAAGATGCGGGAAA
GGAAGGGGCGTGGTGGCTAGAGGGAAGAGAAGAAACAGAAGCGGCTCAGTTCACCTTGATAAGGTGCTT
CCGAGCTGGGATGAGAGGAAGGAAACCTTACATTATGCTATGAAGAGTAGTAATAATAGCAGCTCTTA
TTTCCTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_000764.3](#)



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Summary: This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum; its substrate has not yet been determined. This gene, which produces two transcript variants, is part of a large cluster of cytochrome P450 genes from the CYP2A, CYP2B and CYP2F subfamilies on chromosome 19q. [provided by RefSeq, Jul 2008]

Locus ID: 1549

MW: 10.4