

Product datasheet for **SC203830**

CYP2F1 (NM_000774) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CYP2F1 (NM_000774) Human 3' UTR Clone
Symbol: CYP2F1
Synonyms: C2F1; CYP2F; CYPIIF1
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_000774
Insert Size: 329 bp
Insert Sequence: >SC203830 3'UTR clone of NM_000774
 The sequence shown below is from the reference sequence of NM_000774. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTTTCCAGCTGTGCCTGCGCCCGCGCTAAGCCCCGGCCCTTCCAGATTCGCCTGTGAGCGATGAGGC
CCGCCCATGCGGGTTGCTACGTCCCCTTCTTGGTCCACAGTCTGCCCTCATCCCTCTGGCAGTACGCT
GTCTTCCCTGCATGCTGTGCCTGCCGCGTGCCCTTCCCCCATCCCTCCAATCTGTGCCCCGTCTGCAGG
GCAGAGGCAGATGTGGCATGTCTTTTTGTACCCACAGAGCTTGTCTATGGCACGCCCTTTCTAGGCT
TTTTGTATCATTCTTAGTACATTGTAATAGATTCAAACCAAGTCTTGCTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-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_000774.5](#)



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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 and is known to dehydrogenate 3-methylindole, an endogenous toxin derived from the fermentation of tryptophan, as well as xenobiotic substrates such as naphthalene and ethoxycoumarin. This gene 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: 1572

MW: 12.1