

## Product datasheet for **SC203146**

### CYP2A13 (NM\_000766) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CYP2A13 (NM_000766) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CYP2A13
Synonyms:	CPAD; CYP2A; CYP11A13
ACCN:	NM_000766
Insert Size:	284 bp
Insert Sequence:	>SC203146 3'UTR clone of NM_000766 The sequence shown below is from the reference sequence of NM_000766. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA <b>ACGATCGCC</b> AACTACACCATGAGCTTCTGCCCGCT <b>TG</b> AGCGAGGGCTGTGCTGGTGCAGGGCTGGTGGGCGGGGCCA GGGAAACGGCCGGGCGAGGGCGGGCTTGTGGGAGGGCGGGCTAAGAATGGGGCAGTGGGGGAAG GAAGGGGAGAGGTGGTTAGAGGGAAACAGAAGAAACAGAAGGGGCTCAGTTCACCTTGATGATGTCCTTC AGAGCTGTGATGAGAGGAAGGGAACCTTACAGTATGCTACAAAGAGTAGTAATAATAGCAGCTCTTAT TTCCTGAA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u><a href="#">NM_000766.5</a></u>



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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. Although its endogenous substrate has not been determined, it is known to metabolize 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone, a major nitrosamine specific to tobacco. 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:** 1553

**MW:** 10.7