

## Product datasheet for **SC203597**

### **CYPIVF8 (CYP4F8) (NM\_007253) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CYPIVF8 (CYP4F8) (NM_007253) Human 3' UTR Clone
Symbol:	CYPIVF8
Synonyms:	CPF8; CYPIVF8
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_007253
Insert Size:	1311 bp



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**Insert Sequence:** >SC203597 3'UTR clone of NM\_007253  
 The sequence shown below is from the reference sequence of NM\_007253. 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
CTTTGGCTGCGAGTAGAACCCCTGGGC TAAGGCCTGCAGTGACCCACCCACCTACCTTTGCATCACCTA
CCTTTGCACCAACTACCTTTTCAGATTTCCGGTAATAAATCTGTGTTGGCCCTGTGCCTCAGTCCCGC
GGATGGCCAGTAGGGGCGCTGGAGGACTGCGGGGATCTAGGCCTGGCTGGGAAGAGGCGGGGAGATG
TCTCTGTGCCAAGATACTACTGCCTCTCTGGGTGAGCACAGGAGCCCCGTGCTGAGGGTGGGATCTC
CCAGAGTCTAAGTAAAGACTTTTTCCCCCCCCAAAATAATTGTGTATTCTGATATAAATTTTTGCCAATT
TAGAATCCCTGTTTTTAGCTAGGTGCATAGCAGCCTGAAATACAGATCACATTTGAAAGCCTTTCTTG
AAGCTCAATTGGTAAAGTACTGTGGCTGTCCCATGTGTAGAAGCCAAAGATTATGTGGTAATTCTGGT
AACCTTTCTTAAGAGAAAGCTGTACAGTCTGTCTGCTCAGTCCCTCCCTCTTCCTCTCTGCTGCTTGG
AAGATTTTTTTTTTTTTTTGAGACATGGTGTCTCTCGTCGCCAGCCGAGTGCAGTGGCTCACTGCA
ACCTCCACCTCCTGGGTTCAAGTATTCTCCTGACTCAGTCGCCTGAGTAGATAGATAACAGGCGCCT
ACCACCACACCCGGCTAATTGTATTTTTAGTACAGATGGGGTTTTGCTATGTTGGCCAGGCTGGTCTCA
AACTCCTGGCCTCAAGTGATCAGCCACCTCAGCCTCCCAAAGTGCCAGAATTGCAGGTGTGAGAATAA
AAATCTTGAGTTTCAATGTTTTATTTTAGAATCAGGTGCTAACATGCAAATTTATTACAAAGGTATATT
GCATCATGCTGAGGTTTGGAGTATGAATGACTCCATCACCCATGTAGTGAGCATAGTATCTAATAGGCA
GTTTTTCAGCTTTTCCCCTCCCTGCTTCCCCTGTCTAGTAGTCCCAGGATCTGTTGTTCCCATCTTT
ATTACCATGTGTATCCAATGCATACCTCCCACTTATAAGTGAGAACATGCAATATTTTGTTCCTGTTT
CTGCATTAGTTTGCTTAGGATAATGGCCCCAGCTGCATCTATGTTGCTGCAAACGACATGATTTTGTA
CTTTTTAATGACTGCATAGTATTTTCATGGTGTATTCTACACATTTTCTTTATCCACTCCACCATTGAT
GGGCACCTGTGTTGATTGAGCATCTTCGCTATTGTGATTAGAGCTGCGATAAACATGTGGATGCTTGTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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\\_007253.4](#)

**Summary:** This gene, CYP4F8, 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 functions as a 19-hydroxylase of prostaglandins in seminal vesicles. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F3, is approximately 18 kb away. [provided by RefSeq, Jul 2008]

**Locus ID:** 11283

**MW:** 49.2