

## Product datasheet for **SC207964**

### **CYP4X1 (NM\_178033) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CYP4X1 (NM\_178033) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CYP4X1  
**Synonyms:** CYP4X1  
**ACCN:** NM\_178033  
**Insert Size:** 607 bp  
**Insert Sequence:** >SC207964 3'UTR clone of NM\_178033  
The sequence shown below is from the reference sequence of NM\_178033. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTGCACCTGAAGAACTCTCTGAATGTAGATCTCAGGGTACAATGATTAACGTACTTTGTTTTTCGA
AGTTAAATTTACAGCTAATGATCCAAGCAGATAGAAAGGGATCAATGTATGGTGGGAGGATTGGAGGTT
GGTGGGATAGGGGTCTCTGTGAAGAGATCCAAAATCATTCTAGGTACACAGTGTGTGAGCTAGATCTG
TTTCTATAAATTTGGGAGATTTTCAGATCTTTTCTGTTAAACTTTCACTACTATTAATGCTGTATAC
ACCAATAGACTTTTCATATATTTTCTGTTGTTTTTAAAATAGTTTTTCAGAATTATGCAAGTAATAAGTGC
ATGTATGCTCACTGTCAAAAATCCCAACTAGAAAATCATGTAGAATAAAAAATTTAAATCTCACTT
CACTTAGCCGACATTCATGCCCTGACCAATCCTACTGCTTTTCTAAAAACAGAATAATTTGGTGTGC
ATTCTTTAGACTTTTCTATACATTTTATATGTAGAAATGTAGCAATGATTTGTATAGATGTGATC
ATTCTATATTGTTATTGATTTTTTCACTTAATAAAAAATCACCTTATTCCTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online »](#)

RefSeq: [NM\\_178033.2](#)

**Summary:** This gene encodes a member of the cytochrome P450 superfamily of enzymes and is located within a cluster of genes belonging to this superfamily on chromosome 1. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The expression pattern of a similar rat protein suggests that this protein may be involved in neurovascular function in the brain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

**Locus ID:** 260293

**MW:** 23.6