

## Product datasheet for **SC200080**

### CYP4A22 (NM\_001010969) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CYP4A22 (NM\_001010969) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CYP4A22  
**ACCN:** NM\_001010969  
**Insert Size:** 960 bp  
**Insert Sequence:** >SC200080 3'UTR clone of NM\_001010969  
The sequence shown below is from the reference sequence of NM\_001010969. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACCCCTTGTAAGACAAGGACCAGCTTTGAGGGCCTCCACCTGCCATCCTGTCTTCTGACCCCACTC
CTATCTCTGCTGTCTGCTCTGCTCTTCTGTCTGCCACCTTCCCTTCTCCACCTGCCTGC
TGTCGCCAGTCTGCCTGCCCTTCTCTCTCACCTTTCTCCAAGCTCCCTACCTGCTTGTCTACCTGT
CTCCTACCCACCTGTATATCTTGTGGGAGAAAAGCTGAGTGTGGGAGAAGCTGAGGCCGAGCTTGCA
TGTCTGACATAATGTAAGAGTCTTGAATCATGTCCAGGATCCAGGGTCTAAAACCCCTTGTGGCCTT
TGGAACACCAAGCTCTGTGCTGAAGGGTGAAGGCTACCCTGACGCACCAATAATCAAGCCCGGGGCAT
AAAACCCCTCGTGGCTTGGATAGAATCCAGGGCTCGTGGCTCTGGAATGTGTCTGGACTTGTGGCTCC
TCGCTCCTTGCTCTCCAGGATCAATTGTATCTTGAGTAAAAGAACCTGCTCTCCATTATCTCAAGTA
ACAGAGCAGATGCTAAACCGTCACAGCTGTAATCATGTGCTTAATGCAACATGCCCTTTGACCCACC
CCCCATTCTCACCACTGTTCTTTGTTTGATCACCAATAAATAATCTGCACTTCCAGAGCTCGGGGCC
TTCACAGCTCCATACTTAGCTTTGGCGCCTGGACCCACTTTCTCTCAAAGTCTTTTCTCATTCT
CTTTGACTCTGCCGACTTTGTACCCCCACAACCTGGTGTGGGTCGATAACCCCAACATCCCTGAA
TCTCCACCACCTCCAACTCCTGCCTGCCCTCCAGACTGTCTGCCATACACCTGTCTCCTTCTTCC
TGCCTGCTGTCTGTTCTATATTAGTTTCTATTGCTGCTGTAATAAACTATCACAATCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001010969.4</a>
<b>Summary:</b>	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 gene is part of a cluster of cytochrome P450 genes on chromosome 1p33. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2015]
<b>Locus ID:</b>	284541
<b>MW:</b>	34.3