

Product datasheet for **SC208324**

CYP46 (CYP46A1) (NM_006668) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CYP46 (CYP46A1) (NM_006668) Human 3' UTR Clone
Symbol: CYP46
Synonyms: CP46; CYP46
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_006668
Insert Size: 604 bp
Insert Sequence: >SC208324 3'UTR clone of NM_006668
 The sequence shown below is from the reference sequence of NM_006668. 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
CAGCCCGCACCCACCACCCCTGCTTGAGGGGGCTCCAGGCAGGACGAGACTCCTCGGGCAAGGGC
CGTGCCCGCCACCTCTGCTGCCACGGCCACCACCCTTCTCCCTGCCCGTCCCTGGGCCACCCT
TCACGCTGGCTTCCAGCGGGCCCTTGCCGACCGCCTGCTTACACCCCTCAGCGCTCCCTGTCGCCTG
CGGACTCCATGGCCCTTCTGGACTGGCCCTTGCCCACTCCAGCCACCACCCTGTCCCTACCACTG
AGCCCTTGACAGGCCACTTGCTCAGACGAGACCCCTAACTCTTGCTCACTCCCTAAAGCCCTCTCA
GGGGTCACTCCTCCAAGAAGCCCTCCTTGCCACCCCGCCGGCAGGGGCCCTCTCTGTGCTCCCT
CGGTACCTGTGCTACCTCTAACACCACACTGACCACACTGTATCGTGAGTGCCGTTGACGTGACCAA
TTGCCCTGCCAGGCTGTCAGCGCCTCAAGGGTAGGGTCTGCGTGTGATTGTCTCTGAGCCCTGTGC
CCACCCAGGGCCCGGCACAGAGTCGATGCTCAATAAATGTGTGTTGACTGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul
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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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_006668.2
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 endoplasmic reticulum protein is expressed in the brain, where it converts cholesterol to 24S-hydroxycholesterol. While cholesterol cannot pass the blood-brain barrier, 24S-hydroxycholesterol can be secreted in the brain into the circulation to be returned to the liver for catabolism. [provided by RefSeq, Jul 2008]
Locus ID:	10858
MW:	21.3