

Product datasheet for **SC200467**

CYP4F12 (NM_023944) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CYP4F12 (NM_023944) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CYP4F12
Synonyms:	CYPIVF12; F22329_1
ACCN:	NM_023944
Insert Size:	119 bp
Insert Sequence:	>SC200467 3'UTR clone of NM_023944 The sequence shown below is from the reference sequence of NM_023944. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGGAGCCCCTGAATGTAAGCTTGCAAGTACTTTCTGACCCATCCACCTGTTTTTTTGCAGATTGTCAT GAATAAAACGGTGCTGTACCTCTGCCTGGCCCTCACTGACAGCCTGCAG ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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).
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>NM_023944.4</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 likely localizes to the endoplasmic reticulum. When expressed in yeast the enzyme is capable of oxidizing arachidonic acid. It can also catalyze the epoxidation of 22:6n-3 and 22:5n-3 polyunsaturated long-chain fatty acids. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

Locus ID: 66002

MW: 4.1