

Product datasheet for SC205085

Cytochrome P450 2C9 (CYP2C9) (NM_000771) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Cytochrome P450 2C9 (CYP2C9) (NM_000771) Human 3' UTR Clone
Symbol:	Cytochrome P450 2C9
Synonyms:	CPC9; CYP2C; CYP2C10; CYPIIC9; P450IIC9
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000771
Insert Size:	1093 bp
Insert Sequence:	>SC205085 3'UTR clone of NM_000771 The sequence shown below is from the reference sequence of NM_000771. 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
TTCTACCAGCTGTGCTTCATTCTGTCTTGAAGAAGAGCAGATGGCCTGGCTGCTGCTGTGCAGTCCCTG
CAGCTCTCTTTCCCTCGGGCATTATCCATCTTTCACTATCTGTAATGCCTTTTCTCACCTGTCATCTC
ACATTTCCCTTCCCTGAAGATCTAGTGAACATTCGACCTCCATTACGGAGAGTTTCTATGTTTCACT
GTGCAAAATATATCTGCTATTCTCCATACTCTGTAACAGTTGCATTGACTGTCACATAATGCTCATACTT
ATCTAATGTTGAGTTATTAATATGTTATTATTAATAGAGAAATATGATTTGTGTATTATAATTCAAAG
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TCTTTTATGCATAATGTAGGTCAGAAATTAAGAAAAATAGAGTCCAGGAGGCCATGCTGGTTCTCAA
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GATCAGTCAAAGGGTGAATGGACATTAATGCTAGAATCTTATATCCACATTTGGTGTCTCTTTT
TTGAGACAAAGTCTTGTCTGTCAACCAGGCTGGAGTGCAGTGGTGTGATCTCAGCTCTCTATAACCTC
CGCTCCAGGTTCAAGTATTCTCTGCCTCAGCCTCCTGAGTAGCTGGGATTACAGGTGCATGCCAC
CACACCTGGCTAATTTTTGTATTTTGTATTTTGTACAGACGGGTTTTACCGTGTTAGCCAGGATGGTCTTAA
TCTCCTGACCTTGTGATCTGCCTGCCTCAGCCTCCCAAAGTGTGGGATTACAGGTGTGAGCCACTGCG
CCTGGCCTGGTGTACTTTGAAGTGTCACTTACTTTATCTCTAAATAAAGAATCAGATTACTTTTATTAC
TTCATGTTTCCAACCTTAGAATGATGTAATGAAGTATAAATACATGCTTTTCATATCGCT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-MluI



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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_000771.4
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 localizes to the endoplasmic reticulum and its expression is induced by rifampin. The enzyme is known to metabolize many xenobiotics, including phenytoin, tolbutamide, ibuprofen and S-warfarin. Studies identifying individuals who are poor metabolizers of phenytoin and tolbutamide suggest that this gene is polymorphic. The gene is located within a cluster of cytochrome P450 genes on chromosome 10q24. [provided by RefSeq, Jul 2008]
Locus ID:	1559
MW:	41.1