OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC201024

CYP2R1 (NM_024514) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: CYP2R1 (NM_024514) Human 3' UTR Clone

Vector: pMirTarget (PS100062)

Symbol: CYP2R1

ACCN: NM_024514

Insert Size: 712 bp

Insert Sequence:

>SC201024 3'UTR clone of NM_024514
The sequence shown below is from the reference sequence of NM_024514. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCTACCTCATCTGTGCTGAAAGACGCTGAAACTGCCTGGGATGTTTTCGGGAACAAGAATGTATATTT
GCCTTATCCCTGAACTTGGTTTAATCAAATCAATGTGTGTATTAGAATAAAAGTCACAGCATCAAAAAG
CCAAATGAACACAGATGTGTCTTAAAATAGTACTAGAGCAGAAACAAGCACTAGTCGTGATTGTTTTTC
AAGATTTTATGACTTCTGGGGTAAAATTCTCTGTTGAGAGACACAAAGGTGCAAATGATGGGTGTTGCT
TAAAATGCTAAGAAGGGTCATGGACGCCCTAAGCTGAGCATCTTGTTTAGTACCAGGTACTTTCATCCC
TTCTTGACTCCATCTGCCTTCTGTCCTGGGGGGCCTTGGTTCCAGAAACCAGCTCCCTTCTGATCAGGT
ATTGTCATTAATAAACTGTGTGGTACCAGTCCAGTTTAATAGAGGACTACAGAAGAAATTAAAACACAA
ATAAATGAGTTAGGACTATAGAGGTATTTTAGATATGGTGGGAGATGGTAGAAGAAATATGTATTTAAT
GTAGAGCCTGCCAGTGCTTTCATATCTTGCTTCCTGCTCTGTCTTCATAAGAACTGTGTCATTCTTCTT
ATAAATGAGGGTCTGTGTGACCCTGAGTGTCCATCTTCATAGCAGTTAAGTAGATAGGACATTACAATA
ATATATTTAAAATTTAAAATGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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 ug 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_024514.5

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 enzyme is a microsomal vitamin D hydroxylase that converts vitamin D into the active ligand for the vitamin D receptor. A mutation in this gene has been associated with selective 25-hydroxyvitamin D deficiency. [provided by RefSeq, Jul 2008]

Locus ID: 120227

MW: 27.2