

Product datasheet for **SC214490**

CYP11B2 (NM_000498) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	CYP11B2 (CYP11B2)
Synonyms:	ALDOS; CPN2; CYP11B; CYP11BL; CYPX1B2; P-450C18; P450aldo; P450C18
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_000498
Insert Size:	1451 bp



Insert Sequence:

>SC214490 3'UTR clone of NM_000498

The sequence shown below is from the reference sequence of NM_000498. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCGATCGCC
CCCCTCTCACTTTTCAGAGCGATTAACTAGTCTTGCATCTGCACCCAGGGTCCCAGCCTGGCCACCAGC
TTCCCTCTGCCTGACCCAGGCCACCTGTCTTCTCTCCACGTGCACAGCTTCTGAGTCACCCCTCTG
TCCAGCCAGCTCTGCACAAATGGAAGTCCCCAGGGCCTCCAGGACTGGGGCTTGCCAGGCTTGCAAA
TAGCAAGGCCAGGGCACAGCTGGAGACGATCTTGCTGGCAGGGCCTGGCCTTGTCCTCCAGCTCCACCTG
GCCCCCTTCTCCAGCAAGCAGTGCCCTCTGGACAGCTTGACTCTACTCCCAGCGCTGGCTCCAGGCTCCT
CATGAGGCCATGCAAGGGTGCTGTGATTTTGTCCCTTGCCCTTCTGCTAGTCTCACATGTCCCTGTCC
CTCTCGCCCTGGCCAGGGCCTCTGTGCAGACAGTGTGAGAGTCATTAAAGCGGGATCCCAGCATCTCAGA
GTCCAGTCAAGTTCCTCCTGCAGCCTGACCCAGGCAGCTCGAGCATGCCCTGAGCTCTGTAAAGTT
GTCACCTGGAATACGATCCTGCAGGGTAGACTAAAAAGGCCCTGTGGTCACTTATCCTGACACATTT
TCAAGTGATACAAGTGTCTGAGGGGCGTGTGTTCCTCCAGCTGATCATGTACGCTCATGCCCCAGG
CCTCGTCTTTATGACCAGGTCTTGTTCAGCAGCGAGTGTGGGTCTCTGCTTCTGAGCTGTCCC
CTGGAGAAGGTCCCGAGGATGCTGTGAGAGATGGAAGAGTGTGGGGTGGGAACCTGGGGTGTGGT
TCCAGAAATGTTTTTGGCAACAGGAGAGACAGGATTGGGCCAACAAAGGACTCAGATGAGTTTTATTGAC
TCATTCTCTGTTGATACGGAGCCATGTGATGTGCCACGACCTGGGGTGGGCACAGGGAGGCTGCAGT
TCCCTACGTGAACCTGCCTTGGGCCTCATCTGCTCCTAGCCAGCAGAGAGAGTTGACCCCTCCTGAAC
TGGCCACTCCCCAGTGCTCCTGTGCAGGGATAGGAAGTCCCCAGGGTGAACAGTGGCCAGCCACATC
ATCTTTATCTCCTGGGATTTTCATTAGGGCAAAGATCTCAGCAGCCAGCTCCTGGTAGCTGATGAGGAT
CAGAGCGTTTGTTCCTCATGAAAGGGGAAATACTTAGGTAATCATTCCAGGTGTGTTCAAGTAGTTCCA
GGACTCAGGAGCTCAGGCCAGTCACCTGTGACCGCAGGTTGCTTTCCACCCCTGGGCAATGCAGTGCA
GCATGGGAAAGGAATAAGGGGGCAACAAGTGACACAGCCTCAGAGATGGCTTCCTTGTGTTATGGGGCT
CTCACAGATACCCATCCAACCTCTAGTCAGCACTAGATCATGGGATCCTAAATAAACCTTGAAAA
AT
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

[NM_000498.3](#)

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 mitochondrial inner membrane. The enzyme has steroid 18-hydroxylase activity to synthesize aldosterone and 18-oxocortisol as well as steroid 11 beta-hydroxylase activity. Mutations in this gene cause corticosterone methyl oxidase deficiency. [provided by RefSeq, Jul 2008]
Locus ID:	1585
MW:	52.6