

Product datasheet for **MC217247**

Cyp4a31 (NM_201640) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Cyp4a31
Synonyms:	RP23-118K16.4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC217247 representing NM_201640
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGTGTCTCTGCTCTAAGCCTGACCCGATTTGCAGGCAGCCTCTCTGGCTTCTCCAAGTGGCCTCTG
 TGTCTGTCTGCTCCTGCTGCTGGTGAAAGCTGTCCAGGTCTACCTGCACAGGAAATGGCTACTCAAGGC
 TCTCCAGCAGTTCCCATCACCGCCCTTTCACTGGTTCTTTGGGCATGAGCAGTTCAAAGGTACCAAGAA
 CTACAGGAAATGTGTCATGCATAGAGAACTTCCCAAGTGCCCTTTCTCGATGGTTCTGGGGGAGCAAGG
 CCTACTTAAGTGTCTATGACCTGACTACATGAAAGTGATTCTGGGGCGATCAGATCCAAAGGCTAATGG
 TCGGTACAGATTGCTAGCTCCTTGGATTGGGTATGGTTTGCTCCTGTTAAACGGACAGTCATGGTTCCAG
 CACCGGAAGATGCTAACCCAGCCTTCCACTATGACATTCTGAAAACCTATGTGAAAAACATGGCTGACT
 CCATTGATGATGCTAGACAAATGGGAACGGCTGGCTGGTCAGGACTCCTCTATAGAGATCTTTCAACA
 CATCTCTTTAATGACCTAGACACTGTCATGAAGTGTGCTTCAGCCACAAGGGCAGTGTTCAAGTAGAT
 GGAAATTACAAGACCTACCTCCAGGCCATTGGGGACTTGAATAACCTAGTTCATCTCGTGTGAGGAATA
 TGTTTCATCAGAATGATACTATCTACAACTTTCTTCCAATGGCCGCTTGTCCAACCAAGCTTGTCAACT
 TGCCCATGATCACACAGATGGAGTGATCAAGATGAGAAAGGATCAGCTGCAGGATGAGGGAGAGCTGGAA
 AATATCAAGAAGAAGAGACGTTTGGATTTCTGGATATCCTCTTATTTGCCAGAATGGAGAATGAGGACA
 GCATGTCTGACAAGGACCTTCGTGCTGAGGTGGACACATTCATGATCGAGGGCCATGACACCACAGCCAG
 TGGAGTCTCTGGATCTTCTATGCTCTGGCCACACACCCTGAGCACCAACAGAGATGCAGAGAGGAAGTT
 CAGAGTCTACTGGGGATGGATCCTCTATCACCTGGGATCACCTAGACCAGATTCCTATACCAATGT
 GCATCAAGGAGGCCCTAAGGCTCTACCCACCTGTCCAAGCATTGGCAGAGAACTCAGTACATCTGTCAC
 CTTTCCTGATGGATGTTCTTTACCTAAAGGTGTCCAGGTCACACTCTCCATTTATGGTCTCCACCACAAC
 CCGAAGGTGTGGCCAAACCCAGAGGTGTTTGACCCTTCCAGGTTTGCACCAGACTCTCCCCGACACAGCC
 ACTATTCTGCCCCTTCTCAGGAGGAGCCAGGAAGTGCATTGGGAAACAATTTGCTATGAGTGAGCTGAA
 GGTGATTGTGGCCCTGACACTGCTCCGCTTCGAACTACTGCCAGATCCTACCAGGTCCCCATGTCCTTA
 GCCCGATTTGTGCTGAAGTCCAAAAATGGGATCTACCTACATCTCAAGAAGGTCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_201640

Insert Size: 1530 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_201640.3, NP_964002.2</u>
RefSeq Size:	2509 bp
RefSeq ORF:	1530 bp
Locus ID:	666168
Cytogenetics:	4 D1