

Product datasheet for **MC227730**

Cyp4a31 (NM_001252539) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4a31 (NM_001252539) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4a31
Synonyms:	RP23-118K16.4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC227730 representing NM_001252539
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGTCTCTGCTCTAAGCCTGACCCGATTTGCAGGCAGCCTCTCTGGCTTCTCCAAGTGGCCTCTG
 TGTCTGTCTGCTCCTGCTGCTGGTGAAGCTGTCCAGGTCTACCTGCACAGGAAATGGCTACTCAAGGC
 TCTCCAGCAGTCCCATACCGCCCTTTCACTGGTTCTTTGGGCATGAGCAGTTCAAAGGTGACCAAGAA
 CTACAGGAAATTGTGTCATGCATAGAGAACTTCCCAAGTGCCTTTCTCGATGGTTCTGGGGAGCAAGG
 CCTACTTAACTGTCTATGACCCTGACTACATGAAAGTGATTCTGGGGCGATCAGGGTATGGTTTGTCTCT
 GTTAAACGGACAGTCATGGTTCAGCACCAGGAGATGCTAACCCAGCCTTCCACTATGACATTCTGAAA
 ACCTATGTGAAAAACATGGCTGACTCCATTTCGATTGATGCTAGACAAATGGGAACGGCTGGCTGGTCAGG
 ACTCCTCTATAGAGATCTTTCAACACATCTCTTAAATGACCCTAGACACTGTCATGAAGTGTGCCTTCAG
 CCACAAGGGCAGTGTTCAGGTAGATGGAATACAAGACCTACCTCCAGGCCATTGGGGACTTGAATAAC
 CTAGTTCACTCTCGTGTGAGGAATATGTTTCATCAGAATGATACTATCTACAAACTTTCTTCCAATGGCC
 GCTTGTCCAACCAAGCTTGTCAACTTGCCCATGATCACACAGATGGAGTGATCAAGATGAGAAAAGGATCA
 GCTGCAGGATGAGGGAGAGCTGGAAAATATCAAGAAGAAGAGACGTTTGGATTTTCTGGATATCCTCTTA
 TTTGCCAGAAATGGAGAATGAGGACAGCATGTCTGACAAGGACCTTCGTGCTGAGGTGGACACATTCATGA
 TCGAGGGCCATGACACCACAGCCAGTGGAGTCTCCTGGATCTTCTATGCTCTGGCCACACACCCTGAGCA
 CCAACAGAGATGCAGAGAGGAAGTTCAGAGTCTACTGGGGATGGATCCTCTATCACCTGGGATCACCTA
 GACCAGATCCCTATACCACAATGTGCATCAAGGAGGCCCTAAGGCTCTACCCACCTGTCCCAAGCATTG
 GCAGAACTCAGTACATCTGTACCTTCTGATGGATGTTCTTTACCTAAAGGTGTCCAGGTCACACT
 CTCATTTATGGTCTCCACCACAACCCGAAGGTGTGGCCAAACCCAGAGGTTTGCACCAGACTCTCCCCG
 ACACAGCCACTCATTCTGCCCTTCTCAGGAGGAGCCAGGAACTGCATTGGGAAACAATTTGCTATGAGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001252539
- Insert Size:** 1332 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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.

RefSeq: [NM_001252539.1](#), [NP_001239468.1](#)

RefSeq Size: 2447 bp

RefSeq ORF: 1332 bp

Locus ID: 666168

Cytogenetics: 4 D1