

Product datasheet for **MC203831**

Cyp4f18 (NM_024444) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyp4f18 (NM_024444) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cyp4f18
Synonyms: 1810054N16Rik; Cyp4f3; Cypf18
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013494
GACAGACCTGGGAAACACAGTGTCTCTGAGAGAAGGATGTCACAGCTGAGCCTGTCTGGATGGGCCTGG
GCCACACAGCAGCCTCTCCATGGCTGTTGCTGTTGCTGGCTGGGGCCTCCTGCCTTCTGGCTTACATCCT
GACCCAGATTTATGGTGTTTTTGAGAACTCTCTCGCCTCCGCTGTTTCCACAGCCTCCCAAACGAAAC
TGGATCTTGGGACACCTAGGCCTGATCCAGAGCTCAGAGGAAGGACTCCTGTACATCCAGAGCCTGGTGC
GAACCTTCAGGGATGCATGCTGCTGGTGGTGGGGCCGTTGCACCCAGTCATCCGCATATCCACCTGC
TTTCATCAAGCCTGTGGTCTTGGCTCCAGCTTTAGTTGCCCCAAAGGACACAGTCTTCTACCGTTTCCTG
AAGCCGTGGCTAGGGGATGGCCTCTTGATGAGTACTGGTACAAGTGGAGCCGCCACCGTCGCATGCTGA
CACCTGCCTTCCATTTCAACATCCTGAAGCCCTATGTGAAGGTTTTAATGACAGCACCAACATCATGCA
CGCCAAGTGGCAGCGCCTGGCCTCCAAGGGCAGTGCCTATTTGAACATGTTTGAACATCAGCCTCATG
ACCCTGGACAGTCTGCAGAAGTGTGTTTTAGCTTTGACAGCAATTGCCAGGAGAAGCCTAGTGAATACA
TCACTGCCATCTTAGAAGTGTGTTTTAGTGGCCAGAAGGCACCAAGGCTGCTTCTGCACGTGGACCT
GTTTTATTACCTACCCATGATGGGATGCGCTTCCGGAAGGCCTGCCGTAGTGCATGACTTCACTGAT
GCTGTCATCCGGGAGCGGCGCCGCCACCCTCTTGATCAGGGTGGTGTGATGATGTCCTCAAGGCCAAGGCCA
AGGCCAAGACTTTGGACTTCATTGACGTGCTGCTGCTGAGCAAGGATGAACATGGAAAGGCTCTGTCTGA
TGAGGACATCCGAGCGGAGGCTGACACCTTCATGTTTGGAGGCCATGACACCACAGCCAGTGGACTTTC
TGGATCCTGTACAACCTGGCAAGACACCAGAATACCAGGAGCGCTGCCGGCAGGAGGTGCGGGAGCTCC
TGAGGGACCGCGAGCCTGAGGAGATTGAATGGGACGACCTGGCCCAGCTGCCATTCCTCACCATGTGCAT
TAAGGAGAGCCTACGGCTGCATCCTCCCGTCACTGCAATCTCCGATGCTGCATCAGGACATTGTGCTC
CCAGATGGTCCGGTCATCCCTAAAGGTGTCATAAGCCGAATAAGTATTTTCGGGACACATACAATCCAG
CTGTGTGGCCAGACCCGAGGTCTATGACCCCTTCCGCTTTGATGCCGACAACGTC AAGGCCAGGTCAAC
CCTGGCTTTTATCCCTTCTCGGCTGGGCCAGGAACTGCATAGGACAGACTTTCGCCATGAGCGAGATG
AAAGTAGCTCTGGCGTACTCTGCTGCGCTTCCGCTTCTGCCGATGACAAGGAGCCCGCAGGAAGC
CGGAGCTGATCCTGCGCGCAGAAGGCGGGCTGTGGCTGAAAGTGGAGCCGCTCAGCGCAGGCGCGCAGTG
ATCGCTGAGCTGGCGTGGGACCTCCTATCCATCCACCCACCTGTGCCTTTACAGGAATAAAATTTTCGT
GTCACCTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_024444
Insert Size:	1575 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:	<ol style="list-style-type: none">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:	BC013494 , AAH13494
RefSeq Size:	1717 bp
RefSeq ORF:	1575 bp
Locus ID:	72054
UniProt ID:	Q99N16
Cytogenetics:	8 B3.3
Gene Summary:	Cytochromes P450 are a group of heme-thiolate monooxygenases. Catalyzes the omega-hydroxylation of LTB4, a potent chemoattractant for polymorphonuclear leukocytes. [UniProtKB/Swiss-Prot Function]