

Product datasheet for **MC201017**

Cyp4f14 (NM_022434) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f14 (NM_022434) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4f14
Synonyms:	1300014O15Rik; cyp4f-14
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC011228 sequence for NM_022434
 CCGACGCGTGGGTGCTTTGCTAGCTCTGGTCATCCCCTCACCAGCATACCCCTCCTCCCCCTATTCATC
 TTCTTCTCCACTCCTGTACCTCTTCACCAACATTTCTTGGTTCTCAAGTCTCCTTTCTGCTCTATCCT
 CTGTCCAGTGTCTTGAGATTATTGTCCCTTTCCGGGACCTCAGTTACTCACTGCACATTTATTCACCCAG
 CAGGATGTCACAGCTGAGCCTGTCTGGTTGGGACTGGGGCCCGAGGTGGCCTCCCATGGAAGACCCTG
 CTACTGCTTGGGGCCTCCTGGATCCTGGCCCGGATTCTGATCCAGATCTATGCTGCCTATAGGAATATC
 GTCACCTCCATGGCTTCCCTCAGCCCCCAACCGAACTGGCTTATGGGTACGTGGGCATGGTAATCC
 TACAGAGCAGGGCTTGAAGGAATTGACTCGTTTGGTGGGTACCTACCCCAAGGTTTTTTGATGTGGATT
 GGACCAATGGTCCCTGTTATTACTCTATGCCATTCTGACATCGTCCGATCTATCCTCAATGCCTCAGCCG
 CTGTTGCACTCAAGGATGTGATATTCTACAGCATCCTAAAGCCTTGGCTGGGGGATGGGCTCTTGGTGAG
 TGCTGGTGACAAGTGGAGCCGCATCGTCGCATGCTGACACCCGCTTTCCATTTCAACATCCTGAAGCCC
 TATGTGAAGATTTTCAATGATAGCACCACATCATGCACGCCAAGTGGCAACGGTTGATTTAGATGGCA
 GTGCCCGTCTGGACATGTTTGGACAGTCAAGCCTGATGACTCTGGATAGTCTGCAGAAATGTGCTTTCAG
 CTTTGACAGCAACTGTCAGGAGAAGTCCAGTGAATATATTGCTGCCATCCTGGAGCTCAGTGCCCTAGTG
 GCCAAAAGGCACCAGCAGCCTTTGATGTTTCATGGACCTGTGTATAATCTCACCCCTGATGGTATGCGCT
 TCCGTAAGGCCTGCAACGTGGTGCATGAATTCATGATGCTGTATCCGGGAGCGGCACCACCCCTCCC
 AGATCAGGGTTTGGATGACTTCCCTTAAGTCTAAGGCCAAGTCCAAGACTTTGGATTTTCATTGATGTGCTG
 CTGCTGAGCAAGGATGAAGATGGAAAGGAGCTGTGAGATGAGGACATCCGAGCAGAGGCTGACACCTTCA
 TGTTTGAGGGCCATGACACGACAGCCAGTGGACTCTCCTGGATCCTCTACAACCTGGCAAGGCACCCAGA
 ATACCAGGAGCGCTGCCGGCAGGAAGTTCAGGAGCTGCTGAGGGGCCGAGAGCCTGAGGAGATTGAATGG
 GACGACCTGGCCAGCTACCCCTCCTGACCATGTGCATCAAGGAGAGTCTGCGACTGCATCCCCAGTCA
 CGGTCACTCCCGATGCTGCACCCAGGACATTCTGCTCCAGATGGCCGACCATTCCCAAGGTATCAT
 CTGTCTCATCAGCATCTTTGGAATTCATCACAACCCATCCGTGTGGCCAGACCCTGAGGTCTATGACCCC
 TTCCGCTTTGACCCTGAAAACATCAAAGACAGCTCACCTCTGGCATTATTTCCCTTCTCGGCGGGACCCCA
 GAACTGCATAGGACAGACTTTCGCCATGAGTGAGATGAAGGTGGCACTGGCGCTGACGCTGCTGCGCTT
 CCGACTCTACCGGATGACAAGGAGCCGCGCAGGCAGCCAGAGCTGATCCTGCGCGCAGAGGGCGGGCTG
 TGGCTGCGGGTGGAGCCGCTGAGCGCGGGCGCTCATTGACCTAAGACCTGGTCTAGAGCCACCCTACCAA
 CATATCTCTGCGGATCCCAGAATGAACAGAAGTGTACCCATACCTGAATCTTACCAGAGCCAGCAGGG
 GCGCTGTGAAATCCAGTGCCTGGGTGAGAGAGGCTGCTCCATAAGGTGCATTCTCTCCAACCAACCT
 GGACTATTCTGAACAACATAGGAAGCCAAAGGGATGTCTGAGCAAGAGCCAGAAATCAAAGGCAAAAT
 TGAGCTTTGATTCATGCAGCTCTGTTTCCATTACTTTGACTTCCATTCTAATCACCTAATAGACCATTCT
 TCTCTACCTCAGAATTACTTTTCTGTGGGCACTAAATTACTGTGTTTATTAACCTTAAGACCGGAAAA
 AAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_022434
- 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:

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: [BC011228](#), [AAH11228](#)

RefSeq Size: 2194 bp

RefSeq ORF: 1575 bp

Locus ID: 64385

UniProt ID: [Q9EP75](#)

Cytogenetics: 17 B1

Gene Summary: Cytochromes P450 are a group of heme-thiolate monooxygenases. Catalyzes the omega-hydroxylation of LTB4 (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, 3, 4 and 5 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.