

Product datasheet for **MC218914**

Cyp4f37 (NM_001100187) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f37 (NM_001100187) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4f37
Synonyms:	677156; Gm9705
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218914 representing NM_001100187
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGGCTAAGTGTGTCTGGGCTGGACCTGGGCTCTGTGGTACCTTGCATGGCATCTTCTGCTGC
 TTGGAGCGGCATCTTGGATTTTGGCCAGAATCCTTGCCTGGACTTACTCATTCTGTGAGAACTGCTCCCG
 CCTCAGATGTTTCCCTCAGCCTCCTAAAAGAACTGGTTTTTGGGTCACCTGGGCATGATTGAGCACAAT
 GAGGAAGGCATGCAGCTGATGACTGAAGCAGGCCAGACTTACCGAGATGCCATCTCTGTTGGCTGGGAC
 CAGTGATCCCTGTGCTGAGGATTGTTGACCCTGCATTTGTTGCCCCCTGCTCCTGGCCTCAGCTTTGGT
 GGCCCAAAGGACACGACTTCCATACCTTTGTGAAGCCCTGGCTGGGGGATGGGCTCTTCTGAATTCA
 GGTGACAAAGTGGAGCCGCATCGCCGTCTGCTGACACCTGCCTTCCACTTGGACATCCTGAAGCCCTATG
 TGAAGATATTTAACCAGAGTGTGAACATCATGCACGCCAAGTGAAGCACCTATCCTCGGAAGGCAGTGC
 ACGTCTGGAAATGTTTGGACACATCAGCCTCATGACCTTGGACAGTCTGCAGAAATGCCTCTTTGGCTTT
 GACAGCAACTGTGAGGAGTCTCCAGTGAATACATTTCTGCCATCTTGGAACTCAGCTCCCTCGTAATAA
 AAAGGTACATCAGCTCTTCTTGTTCGTGGACTTCTGTATTACCACACTGCTGATGGGCGGCGCTTCCG
 CAAGGCCCTGTGACCTGGTGCACAACTTACAGATGCTGTATTAGGGAGAGACGGCACACTCTCTCCAGC
 CAAAACCATGATGAGTTCCTGAAGTCCAAGACTAAGTCTAAGACTCTGGACTTCAATTGACGTTCTCTTGT
 TGGCAAGGATGAACATGGAAAGGAGCTGTGAGATGAGGACATCCGGGCAGAGGCTGACACCTTTATGTT
 TGGAGGCCATGACACGACAGCCAGTGCCTCTCCTGGATCCTGTACAACCTGGCGAGGCACCCCGAATAC
 CAGGAGCCGTGCCGCGAGGAGTTTCAAGAGCTGTGAGGGGCGGAGAGCCCGAGGAGATTGAATGGGACG
 ACCTGGCCAGCTACCTTCTGACCATGTGCATCAAGGAGAGTCTGCGGCTGCATCCCCAGTCAATAGA
 TCTCTCCGCGCTGCACCCGGGACATTGTGCTACCTGATGGCCGGTTCATCCCTAAAGGGAACATCTGT
 GTCATCAGCATCTTGGTATTCATCACAATCCATCAGTCTGGCCAGACCCTGAGGTCTATGACCCCTTCC
 GCTTTGACCCAGAAAACGCACACAAGAGGCCTCCTCTGGCTTTTATTCCCTTTTCTGCCGGGCCAGGAA
 CTGCATAGGACAGACTTTCGCTATGAATGAGATGATGGTGGCACTGGCGTTGACTCTGCTGCGCTTCCGC
 ATCCTGCCGATGACAAGGAGCCGCGCCGAAGCCAGAGATAATCCTGCCGGCGGAGGGCGGTTGTGGC
 TGCGGGTGGAGCCGCTGAGCACAGTGTGAAGGACTCCAACCTGACCTTGGGCTTCTTACCCACCC
 TCCAATTGTTCTCTCCGTTCTCAGAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100187

Insert Size: 1641 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: [NM_001100187.1](#), [NP_001093657.1](#)

RefSeq Size: 2642 bp

RefSeq ORF: 1641 bp

Locus ID: 677156

Cytogenetics: 17