

Product datasheet for **MC217161**

Cyp3a41a (NM_017396) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp3a41a (NM_017396) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp3a41a
Synonyms:	Cyp3a41
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217161 representing NM_017396
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCTATTTTCAGCTCTCTCACTGGATACATGGGTCCTCTGGCAATCATCCTGGTGCTCTCTACC
 GATATGGGACCCGTACACATGGACTTTTTAAGAAACAGGGGATTCTGGGCCAAACCTCTGCCATTTTT
 AGGCACGTGCTGAATTATTACAAGGGTTATGGAAATTTGACATGGAGTGCTATGAAAAGTATGGAAAA
 ACATGGGGTTGTTTGTGGTCAAATGCCTCTCTTTGTCAACACGGACCCAGAGATGATTAAGAATGTTT
 TAGTGAAGGAATGTTTTCTGTCTTACAAACCGCGGGAATTTGGCCAGTGGGGATAATGAGTAAAGC
 TATCTCAATATCTAAGGATGAGGAATGGAAGAGATATAGAGCTTTGCTGTCCCCACATTCACCAGTGGA
 AAACCAAGGAGATGTTTCTGTCAATGAACAGTATGGAGACATTTTGGTAAAGTACTTGATGCAAGAGG
 CAGAGAAAGGCAAGCCTGTTACTATGAAAGATGTGTTAGGTGCTTACAGCATAGATGTGATCACCAGCAC
 ATCATTTGGAGTGAATGTGGATCCCTCAACAACCCAGAGGATCCCTTTGTGGAGAAAGCCAAAGGGATT
 TTAAGAGTTGACTTTTTTGTATCCTTTGGTCTTCTCAGTTGACTTTTTCCATTCTGACACCAGTATATG
 AAATGTTAAATATCTGCATGTTCCCAAAGGATTCAATAGAATTTTTCAAAAAATTTGTGAACAGAATGAA
 GGAAAGCCGCTCGATTCTAAGCAGAAGCACCGAGTTGATTTTCTCAGCTGATGATGAACGCTCATAAT
 AATTCAAAGACAAGACTCTCATAAAGCCCTTTCTGACATGGAGATCACAGCCAGTCAATTGTCTTTA
 TTTTTGCTGGGTATGAAACCACAGTAGCACACTTTCCTTACCCTGTATTGTTTGGCCACTCACCTGA
 TATCCAGAAGAACTGCAGGAAGAGATCGATGAGACTTGCCCAATAAGGCACCTCCCACCTATGACT
 GTGATGGAGATGGAATACCTGGATATGGTGCTTAATGAAACCCTCAGATTATATCCCATTTGGTAATAGAC
 TTGAGAGATTCTGTAAGAAAGATGTTGAACTCAATGGTGTGATATCCCAAAGGGTCAACAGTATGATGAT
 TCCATCTTATGCTCTTACCATGACCCACAGCACTGGCCAGAGCCTGAAGAATTCCAACCTGAAAGGTTT
 AGCAAAGAGAACAAGGGCAGATTGATCCTTATTTATATATGCCCTTTGGAATTGGACCCAGGAAGTCA
 TTGGCATGAGTTTGCTTTCATGACTATGAAACTTGCTCTCACTAAAGTTATGCAGAACTTTTCTTCCA
 GCCTTGTGAGAAACACAGATACCTCTGAAATTAAGCAGACAAGGACTTCTTCAACCAGAAAAACCCATT
 GTTCTAAAGTTGTACCACGGGATGTAGTTATACTGGAGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_017396

Insert Size: 1515 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_017396.3](#), [NP_059092.2](#)

RefSeq Size: 2060 bp

RefSeq ORF: 1515 bp

Locus ID: 53973

UniProt ID: [Q9JMA7](#)

Cytogenetics: 5 85.17 cM