

Product datasheet for **MC216952**

Cyp3a13 (NM_007819) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Cyp3a13 (NM_007819) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Cyp3a13 |
| Synonyms: | IIIAm2 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC216952 representing NM_007819
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCTGATCCCAAACCTTTCCATGGAAACCTGGATGCTCCTGGCTACCAGCCTGGTCCTTCTCTACT
 TATATGGAACCTATTACATGGAATTTTTAAAAAGTTGGGAATTCCTGGGCCAAAACCTCTGCCTTTCTT
 GGGGACGATTCTTGCTTACCAGAAGGGCTTCTGGGAATGTGACATACAATGTCATAAAAAATATGGGAAA
 ATGTGGGGTGTATGACGGTCGACAGCCTGTGCTGGCTATCACAGATCCAGACATAATCAAACAGTGC
 TGGTGAAGGAATGTTACTCTACCTTCAAAACCGCGCGCTTTGGTCCAGTGGGATTTTGAAAAAGGC
 CATCTCTATCTGAGAATGAAGAATGGAAGAGAATCCGAGCCCTGTGTCTCCAACCTTACCAGTGGG
 AGGCTCAAGGAGATGTTCCCATCATTAAACAGTTTACAGATGTGTTGGTGAAGAAATGAGGCAGGGAT
 TAGGAGAAGGAAAGCCACCAGCATGAAAGACATCTTTGGGCCCTACAGCATGGATGTGATCACAGCCAC
 CTCATTTGGAGTGAATATTGATTCCTCAACAACCCACAGATCCTTTTGTGGAGAAAATCAAGAAGCTC
 TAAAAATTTGATATCTTTGATCCACTGTTCTCTCAGTGACACTTTTCCATTCTTACCCAGTATTTG
 ATGCACTAAATGTCTCCTTGTTCCTTCCAAGAGATGTCATAAGCTTTTTTACAACCTCAGTAGAACGAATGAA
 AGAGAATCGCATGAAAGAGAAAAGAAAGCAAAGAGTGGATTTTCTTACAGCTGATGATAAACTCCAGAAT
 TACAAAACCAAAGAAATCTATAAAGCATTATCTGATGTGGAGATTGTGGCTCAGTCAGTTATCTTTATTT
 TTGCTGGCTATGAGACCACAAGCAGTGCCTTTTCTTTGCATTGTATTTGCTGGCCATTCACCCTGATGT
 ACAGAAGAACTTCAGGATGAAATTGATGCGGCTCTGCCAATAAGGCACCTGCCACCTATGATACCCTG
 CTACAGATGGAGTATCTAGACATGGTGGTGAATGAACTCTCAGATTATATCCAATCGTGAAGACTTG
 AGAGGGTCTGTAAGACAGATGTTGAAATCAATGGGCTATTCATTCCCAAAGGGACTGTGGTGATGATAC
 AACCTTTGCTCTTCAAAAGACCCGAAGTACTGGCCAGAGCCTGAGGAATTCGGCCCTGAAAGGTTGAGC
 AAGAAGAATCAGGACAGCATCAATCCTTACATGTACCTGCCCTTTGGGAGTGGACCAAGGAACTGCATTG
 GCATGAGGTTTGTCTCATAAACATGAAAGTTGCTCTTGTGAGAGTCTGCAGAATTCAGTGTCCAGCC
 TTGTAAGGAACTGAGATCCCTTTAAAAATTAAGCAAACAAGGACTTCTTCAACCAGAAAACCCACTCCTT
 CTAAGTGTGTCCAGAGATGAGACTGTAAGTGAATGA**TGA**

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_007819

Insert Size: 1512 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_007819.4](#), [NP_031845.1](#)

RefSeq Size: 2955 bp

RefSeq ORF: 1512 bp

Locus ID: 13113

UniProt ID: [Q64464](#)

Cytogenetics: 5 76.89 cM

Gene Summary: Can activate aflatoxin B1 to a genotoxic product.[UniProtKB/Swiss-Prot Function]