

Product datasheet for **MC216895**

Cyp2a22 (NM_001101467) Mouse Untagged Clone

Product data:

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|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Cyp2a22 (NM_001101467) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Cyp2a22 |
| Synonyms: | EG233005 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC216895 representing NM_001101467
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGGGCTCAGGGCTGCTCCTCGTAGCCATACTGGCCTTCCTGAGTGTGATGGTCTTGGTGTCTGTCT
GGCAGCAGAAAAATCAGGGGGAAGTTGCCCCAGGACCCATTCTTTGCCTTTCATTGGAAATTACCTGCA
ACTGAATAGAAAAGATGTATACAGCTCCATCACACAGCTCCAAGAGCACTATGGCCCTGTGTTCACCATC
CACCTTGGGCCTCGCCGGTTGTGGTGCTATATGGATACGATGCAGTCAAAGAGGCTTTGGAGGACAACG
CTGAGGAGTTCAGTGGACGAGGCGAACAGGCCACCTTTAATACACTCTTCAAAGGCTATGGTGTGACATT
CAGCAATGGGGAACGAGCCAAACAACACTCAGACGCTTCTCCATAGCCCACTGAAGGATTCGCTTGGGC
AAGCGAGGTATGGAGGAGCGCATCCAGGAGGAGGAGGCTGTTTGTATCAAGATGTTGCAGGGCACTGTG
GAGCCCCATTGACCCACCATGTACCTGAGCAAAACAGTCTCCAATGTCATTAGCTCCATTGTCTTCGG
GGACCGCTTCAACTACGAGGACAAGAGTTCTGTCTGCTGTCAGATGATGAGTCAAATGAACCAATTT
GCTGCTTCACCCACAGGTCAGCTCTATGACATGTTCCATTCAAGTACCTGCCCGACACAGC
AACAGATCATCAAGGATTCTATAAACTGGAAGACTTCATGATACAGAAAGTGAAGCACAACCACAGTAC
CCTGGACCCCAATTCACACGAGGCTTCATTGACTCCTTTCTCATCCACATGCAAAAGGAGAAAAATTTT
AATTCAAGATTTACATGAAGAACCTAGTATGACATCATTGAACCTCTTCTTGGTGGTCTGAGACAG
TCAGCTCCTTACTACGATATGGCTTCTGCTACTAATGAAGCATCCAGATGTGGAGGCCAAGGTCCATGA
GGAGATTGACCGAGTGATTGGCAGGAACCGACAGCCCCAATATGAGGACCATATGAAGATGCCCTACACC
CAGGCTGTGATCCATGAGATCCAGAGATTTTCTAACTTTGCTCCCTTGGGCATTCTCGAAGGATTACCA
AGGATCTTCTTCCGTGGCTTCTTCTCCCAAGGGCACTGATGTGTTCCCTATAATGGGTTCTCTGAT
GATAGATCCAAAAGTTCTTCTAGCCCCAAAGACTTCAACCCACAGCACTTCTGGATGACAAGGGACAG
TTGAAGAAGATCCCTGCTTTTCTGCCCTTTCCATTGGGAAGCGATCCTGTTTGGGATACAGCCTGGGTA
AGATGCAGCTGTTCTGTTCTTACCACCATCTTGCAAGAATTCCGATTCAAATTTCCAAGGAACTAGA
AGATATCAATGAGTCCCCCAAACAGAGGGGTTTACCAGGATCATACCAAAGTACACCATGAGCTTCGTG
CCCATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001101467

Insert Size: 1479 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_001101467.1](#), [NP_001094937.1](#)

RefSeq Size: 2226 bp

RefSeq ORF: 1479 bp

Locus ID: 233005

Cytogenetics: 7 A3