

Product datasheet for **MC217225**

Cyp3a44 (NM_177380) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Cyp3a44
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC217225 representing NM_177380
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCTATTTTCAGCTCTCTCACTGGATACATTGGTCTGCTGGCAATCATCCTGGTCTCTCTACC
 GATATGGGACCCGTACACATGGACTTTTTAAGAAACAGGGGATTCTGGGCCAAACCTCTGCCATTTTT
 AGGCACTGTCTGAATTATTACACGGGTATATGGAAATTTGACATGGAGTGCTATGAAAAGTATGAAAA
 ACATGGGGGTTGTTTGTATGGTCAAAACCTCTCCTTGTATCACGGACCCAGAGACGATTAGAAATGTGC
 TAGTGAAGGATTGTTTATCTGTCTTCAAAACCGCGGGAATTTGGCCAGTGGGGATAATGAGTAAAGC
 TATCTCAATATCTAAGGATGAGGAATGGAAGAGATATAGAGCTTTGCTGTCCCCCACATTCACCACTGGA
 AGACTCAAGGAGATGTTCCCTGTCTTGAACAGTATGGAGACATTTTGGTAAAGTACTTGAGGCAAGAGG
 CAGAGAAAGGCATGCCTGTTGCTATGAAAGATGTGTTAGGTGCTTACAGCATGGATGTGATCACCAGCAC
 ATCATTGGAGTGAACGTGGATTCCCTCAACAACCCAGAGGATCCTTTTGTGGAGGAAGCCAAAAAGTTT
 TTAAGAGTTGACTTTTTTGTATCCTTTGCTCTTCTCAGTAGTACTTTTTCCATTACTGACACCAAGTATATG
 AGATGTTAAATATCTGCATGTTCCCAATGATTCAATAGAATTTTTCAAAAAATTTGTGGACAGAATGCA
 GGAAAGCCGCTGGATTCTAATCAGAAGCACCGAGTGGATTTTCTCAGCTGATGATGAATTCTCATAAT
 AATTCAAAAGACAAAGACTCTCATAAAGCCTTTTCTAACATGGAGATCACAGTCCAGTCAATTATCTTTA
 TTTCTGCTGGGTATGAAACCAACAGTAGCACACTTTCCTTACCTTGATTGTTTGGCCACTCACCTGA
 TATCCAGAAGAACTGCAGGCAGAGATCGATAAGGCTCTGCCCAATAAGGCAACTCCACCTGTGATACT
 GTGATGGAGATGGAATACCTGGATATGGTGCTTAATGAAACCTCAGATTATATCCCATTTGTACTAGAC
 TTGAGAGAGTCTGTAAGAAAGATGTTGAACTCAATGGTGTATATCCCAAAGGGTCAATGGTGTATGAT
 TCCATCTTATGCTCTTACCATGACCCACAGCACTGGCCAGACCCTGAAGAAATCCAACCTGAAAGGTTT
 AGCAAGGAGAAACAGGGCAGCATTGATCCTTACGTATATCTGCCCTTTGGAATTTGGACCCAGGAACTGCA
 TTGGCATGAGGTTTGCTCTCATGAATATGAAACTTGCTGTCACTAAAGTTCTGCAGAACTTTTCTTCCA
 GCCTTGTGAGAAACACAGATACCTCTGAAATTAAGCAGACAAGGAATTTCTCAACCAGAAAAACCCATT
 GTTCTAAAAGTTTGCCACGGGATGCAGTTATAACTGGAGCAT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_177380

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_177380.3, NP_796354.1</u>
RefSeq Size:	1962 bp
RefSeq ORF:	1515 bp
Locus ID:	337924
Cytogenetics:	5 85.17 cM