

Product datasheet for **MC217250**

Cyp4a32 (NM_001100181) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4a32 (NM_001100181) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4a32
Synonyms:	OTTMUSG00000008689; RP23-118K16.4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217250 representing NM_001100181
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGTCTCTGCTCTAAGCCCGACCCGATTTGCAGACAGCCTCTCTGGCTTCTCCAAGTGGCCTCTG
 TGCTCGGTCTGCTCCTGCTGCTGGTGAAAGCTGTCCAGTTCTACCTGCACAGGAAATGGCTACTCAAGGC
 TCTCCAGCAGTTCCCATCACCTCTTTTACTGTTCTTTGGGCATGAGCAGTTCAAAGGCGAACAGAA
 CTTAAAGGAAGTTGTGTCATGTATAGAGCACTTCCCAAGTCTTTTCTTGTGCTGGTTCTGGGGGAGCAACG
 CCTACTTAACTGTCTATGACCCTGACTACATGAAAGTGATTCTGGGGCGATCAGATCCAAAGGCTAATGG
 TATCTACAGATTGCTAGCTCCTTGGATTGGGTATGGTTTGTCTTGTGTAATGGACAGCCATGGTTCCAG
 CACCGGAGGATGCTAACCCAGCCTTCCACTATGACATTTCTGAAACCCTATGTGAAAAACATGGCTGACT
 CCATTCGATTGATGCTAGACAAATGGGAAAGGCTGGCTGGTCAGGACTCCTCAATAGAGATTTTTCAACA
 CATCTCCTTAATGACCCTAGACACTGTCATGAAGTGTGCCTTCAGCCACAAGGGCAGTGTTCAGGTGGAT
 GGAATTACAAGACCTACCTCCAGGCCATTGGGGACTTGAATAACCTATTTCACTCCCGTGTGAGAAATA
 TCTTTTCATCAGAATGATACCATCTACAGACTTTCTTCCAATGGCCGCTTGGCCAAACAAGCTTGTCAACT
 TGCCCATGATCACACAGATGGAGTGATCAAGATGAGAAAGGATCAGTGCAGGATGAGGGAGAGCTGGAA
 AATATCAAGAAGAAGAGACGTTTGGATTTCTGGATATCCTTTTATTTGCCAGAATGGAGAATGGGGACA
 GCATGTCTGACAAGGACCTACGTGCTGAGGTGGACACATTCATGTTTCGAGGGCCATGACACCACAGCCAG
 TGGAGTCTCTGGATCTTCTATGCTCTGGCCACACACCCTGAGCACCACAGAGATGCAGAGAGGAAAGTT
 CAGAGCCTCTGGGGGATGGATCCTCTATCACCTGGGATCACCTAGACCAGATTCCTATACCACAATGT
 GCATCAAGGAGGCCCTAAGGCTCTACCCACCTGTCCAGGATTGTCCAGGAATGTCAGAGAACTCAGTACATCTGTCAC
 TTTCCCTGATGGACGCTCTTTACCCAAAGGTGCCAGGTCACACTCTCCATTTATGGTCTCCACCACAAC
 CCGAAGGTGTGGCCAAACCCAGAGGTGTTTACCCTTCCAGGTTTGCACCAGACTCTCCCGACACAGCC
 ACTCATTCTGCCCTTCTCAGGAGGAGCCAGGAACTGCATTGGGAAACAATTTGCTATGAGTGAGCTGAA
 GGTGATTGTGGCCCTGACACTGCTCCACTTCGAGCTACTGCCAGATCCTACCAGGTTCCCGAGCCCTTA
 GCACGAATTGTGCTGAAGTCCAAAAATGGGATCTACCTACATCTCAAGAAGCTCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3217_g06.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001100181

Insert Size: 1530 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_001100181.1](#), [NP_001093651.1](#)

RefSeq Size: 1914 bp

RefSeq ORF: 1530 bp

Locus ID: 100040843

Cytogenetics: 4 D1