

Product datasheet for MC218323

Cyp39a1 (BC021418) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp39a1 (BC021418) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp39a1
Synonyms:	mCYP39A1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC021418 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCATTATGGAGTTATTCTACCAATAGCAATCGCCGTTCTGGGAAGCTGTGTTCTTTTCTTATTCT
CTCGGTTGAAGAATTTGCTTGGACCCCGTGCATCCAAGGCTGGATCCCTGGATTGGAGCTGGACTTGA
GTTTGGGAAAGCCCTCTTGAATTTATAGAAAAAGCAAGAATCAAGTATGGACCGGTATTTACCATCTTT
GCTATGGGAAACCGAATGACCTTTGTTAGTGAAGAAGAAGGAATCAATGTGCTTCTAAAACTGAACATG
TAGATTTTGAATCAGCAGTACAAAGTCTGTCTATCACACAGCATGGATCCAAAGAATGTCTTCTCTGC
ACTGCACGAGAGACTGTATGCCTTGATGAAAGGGAAGATGGGAACCTTCAACACACATCACTTTACTGGG
CCGCTAACTGAAGAATTTATGATCAACTGGAAGGTTTAGGCACTCATGGAACAATGGACCTGAATGACT
TTGTAAGGTATCTACTTTATCCAGCCCACTCAATACTCTCTTTAAGAAAGGGTTGTTTCTCACAGACAA
GAGGACAATCAAGGAATTCTACCAGCAGTTTAAACCTATGATGAGGGCTTTGAGTATGGCTCCCAGCTG
CCTGAATGGCTTCTGAGAACTGGTCAAATCCAAAGATGGCTCCTGGCGCTGTTTGGAGAAAAATTG
GCAACATAAAAGCTCACGGATCTGCAGGTCATTCTGGAACCTCTGCAGGCCATATTGGAAGTGGTGA
GACGGAACACGTC AATACAGTCCAAATATGGACTGGTCGACTTTGGGCTGCTCTGGCCAATGCTCCT
CCTATTGCATTCTGGACACTTGGATATATCCTGTCTCATCCGATATCCACAGGACTGTTTTAGAAAGCA
TATCTTCTGTGTTTGGCACTGCAGGTAAGACAAGATTAAAGTGTCTGAAGATGACCTGAAGAAGCTTCT
AATAATTAAGTGGTGCATTCTGGAATCTGTCCGCTTGGAGAGCCCTGGTGTCTACTAGAAAGGTAGTG
AAGCCAGTTAAAATCTGAATCACACAGTTCCTTCTGGTGATCTGCTGATGTTGTCTCCATTCTGGCTAC
ACAGAAATCCAAATATTTTCTGAACCTGAGTCATTCAAACCTGTGTTTGTCTCTTAGAGATTCAAC
TATGCATTATCTTAGTGCTGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	BC021418
Insert Size:	1215 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:	<ol style="list-style-type: none">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:	<u>BC021418</u> , <u>AAH21418</u>
RefSeq Size:	2359 bp
RefSeq ORF:	1214 bp
Locus ID:	56050
Cytogenetics:	17 B3
Gene Summary:	Involved in the bile acid metabolism. Has a preference for 24-hydroxycholesterol, and converts it into a 7-alpha-hydroxylated product.[UniProtKB/Swiss-Prot Function]