

Product datasheet for MC203739

Cyp4b1 (NM_007823) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4b1 (NM_007823) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4b1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC008996

```
CCTGGGTCCTGCGAGTTTAGCCATGGCGCTCAGCTTTCTCTCTCCAAGCCTTTCCCGCTCGGCCTGTGG
GCTTCTGTAGTGATCCTGATGGTAACCGTCCTGAAGCTCCTCAGCCTGCTGTTTTCGGAGGCAGAAGCTGG
CCAGGGCTTTGGACAGCTTCCCAGGGCCCCCAAGCACTGGCTTTTTGGTCATGCCCTTGAGATCCAGAA
GACAGGAGGCCTGGACAAGGTGGTAACCTGGACCAAGCAGTTCCCTATGCCACCCACTCTGGCTTGGA
CAATTTATTGTTTTCTGAACATCTATGAGCCTGACTATGCTAAAGCTGTATACAGCCGAGGGGACCCGA
AGGCTGCATATGTGTATGACTTCTTCTCCAGTGGATCGGAAAAGGCCTACTGGTTCTGGAAGGGCCAAA
ATGGTTCAGCACCGCAAGCTGCTCACACCTGGCTTCCATTATGATGTGCTGAAGCCCTATGTGGCCATA
TTTGCTGAGTCCACACGGGTGATGCTGGACAAGTGGGAGAAAAAGGCTAGTGAGAATAAGAGCTTTGACA
TCTTCTGTGACGTGGGCCACATGGCACTGGACACCCTCATGAAGTGCACCTTTGGCAAAGGAGACAGCGG
CCTAAGCCACAGTGACAACAGCTACTACCTGGCAGTTAGTGACCTCACACTGCTGATGCAGCAGCGCAT
GACTCCTTCCAGTACCATAATGACTTCATTTACTGGCTCACACCACATGGCCGCCGTTTTCTTGGCGGCTT
GCCAGATAGCCCATGACCATACAGATCATGTCATCAGGCAGCGGAAGGCAGCTCTGCAGGATGAGAAGGA
GCAGAAAAAGCTTCAGGAGCGGAGACACCTGGACTTCTCGACATTCTCCTGGGTGCCCGGGATGAAAGT
GGGATCAAGTTGTCAGATGCAGACCTCCGGGCTGAAGTGGACACATTCATGTTGAAAGGCCACGACACCA
CCACTAGTGGTATCTCTGGTTTTCTACTGCATGGCCCTTTATCCTATGCACCAGCAGCGATGTAGGGA
GGAGGTCCGTGAGATCCTAGGGGACCGGACTCCTTCCAGTGGGATGATCTGGCCAGATGACCTACCTG
ACCATGTGCATGAAGGAGTGCTTCCGCCTTACCACCTGTACCCCAAGTGTACCAGCAGCTCAGCAAGC
CAGTAACCTTTGTGGATGGCCGCTCTACCTGCAGGCAGCCTGATCTCTCTGCACATCTATGCCCTCCA
TCGGAACAGTGTGTGTGCCTGACCCAGAGGTCTTTGACCCACTGCGCTTTTCTCTGAGAATATGACA
GGACGGCATCCCTTTGCCTTCATGCCTTTTTCTGCAGGGCCAGGAATTGCATTGGGCAACAGTTTGCCA
TGAACGAGATGAAGGTGGTCACAGCCCTCTGTTTGTGCGCTTTGAATTCTCTCCAGATCCCTCAAAGAT
CCCCATTAAGGTCCCCAGCTGATCTTGCCTCCAAAAATGGCATCCACCTTACCTGAAGCCACTGGGC
CCTGGGTCTGAAAGTAGGTCTTAGGAGAGCAAGGATATGGAGTCATTGTGGATCCCTGCCTGTGGGGGG
TTTGTGAGATAAAAGCATGCACATTGAGAGTATCCTGGAAGACATTCTCTGTAAACATGTGTGTGGAAT
GATTCAATGCCTGGGCTTTCAAACCTCATTCTTCACTCCACAAAATATTTGCTGAATGTTTCCCTGTCTTG
AGAAACTTCATTTATTTTCATAACTGCATTTATTTAGCCATCTCAGTGTGCATTTTGGATATAATAGAC
ATAAGGAAAATTGCTTAACTAAATCTGTACAAAATAAATAACTTTAAAAAGCAAAAAAAAAAAAAAAAAAAAA
```



[View online »](#)

Restriction Sites:	RsrII-NotI
ACCN:	NM_007823
Insert Size:	1536 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:	BC008996 , AAH08996
RefSeq Size:	1895 bp
RefSeq ORF:	1536 bp
Locus ID:	13120
UniProt ID:	Q64462
Cytogenetics:	4 53.06 cM
Gene Summary:	Responsible for mutagenic activation of 3-methoxy-4-aminoazobenzene (3-MeO-AAB); a potent procarcinogen. Also active on 2-aminofluorene and 2-aminoanthracene. [UniProtKB/Swiss-Prot Function]