

Product datasheet for **MC218707**

Ugt1a1 (BC093516) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a1 (BC093516) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ugt1a1
Synonyms:	UGT1A01, UgtBr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >BC093516
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACTGTGGTGTCTGGAGCTCGCGTTTGCTTCTGCTTCTCCGTACCTTCTGTGTGTGTGTTCCGGTC
CCTCTGCATCCCATGCTGGGAGGCTGTTAGTGTTCCCTATGGATGGAAGCCACTGGCTGAGTATGCTTGG
AGTTATTCAGCAGCTCCAGCAGAAGGGGCACGAAGTTGTGGTCATAGCACCTGAAGCCTCAATACACATA
AAAGAAGGATCATTTTACTCTGAGGAAGTCCCTGTGCCATTCCAGAAGGAAAATGTGACAGCTACTT
TGGTGGAACTTGGACGGACTGCCTTTAATCAAGATTCTTTTCTGCTGCGCGTGGTCAAAAATATATGAA
AGTCAAAAGGGATTCCAGTATGCTCCTAGCTGGCTGCTCCACCTGCTGCACAATGCCGAGTTTATGGCC
TCTCTGGAAGAAAGTCACTTTGATGCTCTGCTGACAGACCCTTTCCTCCCTGTGGCTCCATTGTGGCC
AGTACCTGACTGTGCCACTGTGTAATTCTTGAATAAATTGCCATGCAGCCTGGATTGAGAAGCTACCCA
ATGCCCGTCCCATTGTCTACGTGCCCAAGATTTGTCTTCAACTCAGACCGCATGAACTTCCCTACAG
CGAGTGAAGAACGTGCTCCTGGCCGTGTCAGAGAACTTTATGTGCAGAGTGGTTTATCCCCCTATGGGT
CACTTGCCACTGAAATCTTACAGAAAGAGGTGACTGTCCAGGATCTTCTGAGCCCTGCATCTATCTGGCT
GATGAGAAGTGACTTTGTGAAAGATTACCCAGGCCCATCATGCCAACATGGTTTTTATTGGTGGTATA
AATTGCCCTTCAGAAAAAGCCCCTATCCCAGGAATTTGAAGCCTATGTCAACGCCTCTGGGGAGCATGGCA
TCGTGGTTTTCTTTGGGATCCATGGTCTCAGAGATCCGGAGAAGAAAGCCATGGAAATTGCTGAGGC
TTTGGGCAGAATTCCTCAGACGGTCTGTGGCGCTACACCGGAACTAGACCATCGAATCTTGCAAGAAC
ACAATCTTGCAAAATGGCTACCCAAAATGATCTGCTTGGTTCATCCAAGACTCGGGCATTTCATCACAC
ACTCTGGCTCCCATTGGTATTTATGAAGGAATATGCAATGGAGTCCGATGGTATGATGCCCTATTTGG
CGATCAGATGGACAATGCCAAGCGCATGGAACCTCGGGGAGCTGGGGTGACCCTGAATGTCTTTGAAATG
ACTGCTGATGATTTGAAAATGCCCTTAAAAGTGTATCAACAACAAGAGCTACAAGGAGAACATCATGC
GCCTCTCCAGCCTTACAAAGGACCGTCTATAGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAATACGT
GATGAGGCACAAGGGGGCACCACACCTGCGCCCGCCCATGACCTCACCTGGTATCAGTACCACTCC
TTGGATGTGATTGGCTTCTCCTGGCCATTGTGTTGACAGTGGTCTTATTGTCTTTAAATGTTGTGCC
ATGGCTGCCGAAATGCTTTGGGGAAAGGGGCGAGTGAAGAAATCACACAAATCCAAGACCCATTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC093516

Insert Size: 1608 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: [BC093516](#), [AAH93516](#)

RefSeq Size: 2201 bp

RefSeq ORF: 1607 bp

Locus ID: 394436

Cytogenetics: 1 44.55 cM

Gene Summary: UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds.[UniProtKB/Swiss-Prot Function]