

Product datasheet for **MC204634**

Ugt2a2 (NM_001024148) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt2a2 (NM_001024148) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ugt2a2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058786
 CCGACACTTGGTTTTAAAGTACAGCCAGTCATTCATAGTGGATGTCGCCATGATCAAGAAGTTTTACA
 GCTGCTTATTTTTCAATTTGACTCTGGCTGAAATTTGTTCTCAGCGGGAATGTGGTAGTTTGGCCTACAGAT
 GGCAGCCATTGGCTAAATATTAAGATTCTTCTTGAGGAGTTGGTTCAAAGAAATCACAGTGTGACTGTAC
 TGGCTCCATCAGAACTTTATTTATCAACTCCAGACTTGATGCCTTTATAAATTTGAAGAGATTCCGGT
 TTCGTACACAAAAAGCAAGATAGATGAAATAATTGAGCATATGATAGCACTGTGGCTGGACCACAGGCCA
 ACGCCTCTCACAATGTGGACTTTCTACAAGAAGTACAGAAATCTCCTTGTACTTTCTACACAACCAATA
 AGCAAATGTGTGATGGTGTACTAAACAATCCCACTGTAATGGAAAAGACTGCAAAAAGGTGGCTTCGATGT
 GTTACTAGCTGACCCAGTAAACAATGTGTGGAGAGCTGGTGGCTCTGAAATTTGGGGATTCCCTTTGTGTAT
 ACACTACGCTTCTCTCCAGCCTTACAGTGGAGAGGCATTGTGGGAAAATTCCTGCCCCATCTCATAAG
 TACCTGCAGCCCTGTCAGAGCTCACTGACCAGATGTCTTTTGGTAAAAGGTTAAGAATATCATTCTTA
 TTCTCTGCAAGACTATATATTTAAGACCTACTGGGAGAATGGAATTCATACTACAGCAAAGTTCTAGGA
 AGACCCACCACACTGTGTGAGACTATGGGAAAGCTGAGATTTGGCTAATGCGAACCTATTGGGATTTTG
 AATTTCTCGTCCATATTTACCGAATTTTGAGTTTGTGGGAGGACTGCACTGCAAACTGCCAAGCCTTT
 ACCTAAGGAAATGGAAGAGTTTGTCCAGACCTCAGGGAAACATGGTATTGTGGTGTCTCTGGGGTCA
 ATGGTCAAAAACCTGACAGATGAAAAGGCAATCTCATTGCCCTGACCCAGATTCTCAGAAGG
 TTTTGTGGCGATACAAAGGAAAGATACCAGACACATTAGGATCCAATACAAGACTGTTTGATTGGATTCC
 TCAGAATGATCTTCTGGACATCCAAAACCAGAGCTTTTATCACCCATGGTGGAAACAAATGGAATCTAT
 GAGGCTATTTACCATGGGATCCCTATGGTGGGAGTGCCCATGTTTCGCTGACCAGCCTGACAACATTGCTC
 ACATGAAGGCCAAAGGAGCAGCAGTGGAGGTGAACATGAACACGATGACAAGCTCAGATCTGCTCAATGC
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 CAGCCAGTGAAGCCCCTGGACCGAGCAGTCTTCTGGATTGAGTTGTGTCATGCGTCACAAAGGAGCCAAGC
 ACCTTCGTGTGGCAGCCATGACCTCAGCTGGTTTCAGTACCACCTCTCGATGTAATTGGGTTTCTGCT
 GGCTGTGTGGCATCTGCTATATTATTGGTTGCAAAAATGTTGTTGTTTATATTTCAAAAAGTTGGTAAG
 ACAGGAAAGAAGAAAAACGTGACTAGTTGAAGAAAAAGACACCTCAGGTCTCTGGGTTTGGTGAAGTAC
 TGAAGGGAGTAGTAATTGTACTTGAAGCCAGGGACCTGCCTGTACCTATCCCACTTCCACTTTCAAA
 CAACCCACTCCTGCTTATTCTACAGGTAATTTACATAATCACACTTCTGAAGACATCTCATCTTT
 CCTTTGCTATTTCAATGACAGTTTGTGACGCCCTGGAATTTCTTATTTTCTGGCACAGGGGACTATT
 AATTTAAATATGCTATTTCCAGAATATCATTTAAATGTAACAAGATAATAACTGATAGCATTCTGAAT
 CTTTGAGAAGGCACAAAGCGTATACTGAGTTTTATTTAAGGATAACACAAGGGGCTCATAGAGCACAAA
 ATACAGCTCTGGCCACAGGGATTAGTATAGCATGAGAAGAGTCTTTATTTTCTTTTTAAATAAAGGACAG
 CTAAGTGTATCTGATGTCAAGGACATTAAGGGTCAGTTCAGAACTATGAATCAATATTATAATAGG
 AAAAAACGTAATAAATTGTTAGTACATTTAAATATGATGGTCTATTTTCTGCTTTTCCCTAAAATATA
 TATCTGTATGCTTCTCTCCCGTCAAAGATTTTATAGATACTTTTCCAAAAAATTAAGGCAATGAACTGA
 GTTGCTATTTTTCTCAGAAAACCACTAACAATATTTGAAAGTTATGTCTAGAAAAGAGCAAAATTTGA
 ATTATTGTAGTAATTTCTAAATTTAATGGACTGTTCTTTGGCTCTGTGTTTCATCCATTACTTAAAA
 TATTTGCTATTCTAATGTATAATCACATTTATAATGAAATTTTAAATTTCTTCTAGAATAAATACTTA
 TATTGGGATCACTGTAAA AAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001024148

Insert Size: 1587 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: [BC058786](#), [AAH58786](#)

RefSeq Size: 2595 bp

RefSeq ORF: 1587 bp

Locus ID: 552899

UniProt ID: [Q6PDD0](#)

Cytogenetics: 5 E1

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