

Product datasheet for **MC217583**

Ugt1a2 (NM_013701) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a2 (NM_013701) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ugt1a2
Synonyms:	UDPGT 1-2; Ugt1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217583 representing NM_013701
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACACGGGACTATGTGTGCCCTTCGAGGAATCTCAGGGCTGCTGCTCCTGCTGTGTGCCCTGCCCT
 GGGCTGAAGGTGCAAAAGTGCTGGTGTACCCATGGAGGGCAGCCAGTGGCTGAGCATGAGGGATGTTGT
 GCGGGAGCTCCACGCCCGAGGTACCCAGACTGTGGTCTGGCTTCAGAGGTGACTGTGCACATCAAAGGA
 GAAGACTTCTTACCCTCAAACCTATGCCTTTCCATATACCAAGGAAGAATATCAGCAAGAAATACTGA
 GCGACATTGAGAAGACCTTTAAACACAACATTTGTGAAGGCCTTTTTGAAACTACAGCATCTATAAG
 AAATTTTTTACCTCTACTCAAATCTGTATAGCTTTATTGCACAATAAGATGCTGATCCAGCAACTG
 AATCCAGTTTTTTGATGTGATCTTAACAGACCCCATTTCCCTGTGGAGCAGTACTGGCCAAGTACC
 TACAGATTCCTGTGTGTTTATTCTGCGTCTCTTTCCCTGTGGCATAGAATATGAGGCCACACAATGTCC
 AAATCCTTCTCTTATATTCCGAACCTACTCACAAGGCTTCTGACCACATGGACTTCCTGCAAAGGGTC
 CAGAACATGCTGTACTATCTGGTCTGAAGTACATTTGCCGTTTATCAATCACTCCCTATGAAAGCCTGG
 CCTCTGAGCTTTTGCAGAGAGAAGTATCCTTAGTGGAGTTCTCAGCCATGCATCCGTGTGGCTGTTCCG
 AGGGGACTTTGTACTCGACTACCCAGGCCCATCATGCCTAACATGGTCTTCATTGGGGGCATAAAGTGT
 GTTACCAAGAAGCCCTCTCTCAGGAATTTGAAGCCTATGTCAACGCCTCTGGGGAGCATGGCATCGTTG
 TTTTCTCTTTGGGATCCATGGTCTCAGAGATCCGGAGAAGAAAGCCATGGAAATGCTGAGGCTTTGGG
 CAGAATTCCTCAGACGGTCTGTGGCGCTACCCGGAAGTACCATCGAATCTTCAAAGAACAACAATT
 CTTGTCAAATGGTACCCCAAAATGATCTGCTTGGTTCATCAAAGACTCGGGCATTATCACACACTCTG
 GCTCCCATGGTATTTATGAAGGAATATGCAATGGAGTCCGATGGTGTGATGCCCTATTTGGCGATCA
 GATGGACAATGCCAAGCGCATGGAAACTCGGGGAGCTGGGGTACCCTGAATGTCCTTGAATGACTGCT
 GATGATTTGAAAAATGCCCTTAAACTGTCAACAACAAGAGCTACAAGGAGAACATCATGCGCCTCT
 CCAGCCTTACAAGGACCGTCTATAGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAATACGTGATGAG
 GCACAAGGGGGCACCACACCTGCGCCCGGCCCATGACCTCACCTGGTATCAGTACCCTCCTTGGAT
 GTGATTGGCTTCTCCTGGCCATTGTGTTGACAGTGGTCTTCATTGTCTTTAAATGTTGTGCCTATGGCT
 GCCGAAATGCTTTGGGGAAAGGGGCGAGTGAAGAAATCACACAATCCAAGACCCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_013701

Insert Size: 1602 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_013701.3](#), [NP_038729.1](#)

RefSeq Size: 3206 bp

RefSeq ORF: 1602 bp

Locus ID: 22236

UniProt ID: [P70691](#)

Cytogenetics: 1 D

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