

Product datasheet for **RN208548**

Ugt2b1 (NM_173295) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt2b1 (NM_173295) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt2b1
Synonyms:	2B1; Udpgr2; Ugt2b17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN208548 representing NM_173295
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCTATGAAACAGACTTCAGTGTCTTCTGTTGATACAGCTCATATGCTACTTTAGACCTGGAGCCTGTG
 GAAAAGTGCTAGTGTGGCCACAGAATACAGCCACTGGATTAATATAAAGATAATTCTGAATGAACCTGC
 CCAGAGAGGTCATGAAGTACGGTCTTGTATCTTCGGCTTCCATTCTCATTGAGCCTACCAAGGAATCT
 TCTATTAATTTTGAAGTTACTCTGTACCTTTGAGTAAAAGTGATCTTGAATATAGTTTTGCAAAATGGA
 TAGATGAATGGACACGTGATTTTGAACACTCTCGATTGGACATATTATCAAAATGCAAAAAGTCTT
 CAATGAATATTCTGATGTCGTTGAAAATTTATGCAAAGCACTCATTGGAACAAGAGTCTTATGAAAAA
 CTCCAAGGATCTCAATTTGATGTCATTCTCGCAGATGCTGTGGTCCCTGTGGTGAGCTGCTAGCAGAAC
 TGCTTAAGACACCTTTAGTGTACAGTCTCCGCTTCTGCTCTGGATACAGATGTGAAAAGTTCAGTGGGG
 ACTTCCACTGCCTCCTTCTATGTGCTGTTGTTCTTTTCAAGATTAAGTGACCGCATGACATTTGTGGAA
 AGAGTGAAGAATATGTTGCAGATGCTGATTTTGAATTTTGGTTTCAACATTTAAAGAGAAGTCTTGGGA
 GTCAGTTTTACAGTGATGTTCTAGGTAGACCCACAACATTAAGTGAAGTATGTTGGGAAGGAGATATATG
 GCTCATTCGAACCTTCTGGGACTTGAATTTCCACACCCATTCTTACCTAATTTTGAATTTTGTGGAGGA
 CTACATTGCAAACAGCCAAACCACTGCCTAGGGAAATGGAAGAATTTGTTTCAAGCTCTGGAGAATG
 GTGTAGTGGTGTCTTCTGGGATCAATGGTTAAAAACCTGACTGAAGAAAAAGCCAATGTAGTTGCTTC
 TGCTCTTGCCCAAATCCACAGAAGGTTGTATGGAGATTTGATGGTAAGAAACAGATACCTTAGGATCT
 AACACTCGGCTGTACAAGTGGATCCCCAGAATGACCTTCTTGGTCATCCAAAAACCAAGCTTTTGTAG
 CTCATGGTGAACAAATGGCATCTATGAGGCAATCTACCATGGCATTCTTATTGTTGGTATTCCCTTGT
 TGCAGATCAACCGGATAACATTAATCACATGGTAGCCAAAGGAGCTGCTGTTAGAGTTGACTTCAGCATA
 CTGTCAACTACAGGCTTCTCACTGCCTTGAAGATTGTCATGAATGACCTTCTTATAAGGAGAATGCCA
 TGAGATTATCCAGAATCCACCATGATCAGCCAGTGAAGCCCTGGACCGAGCCGCTTCTGGATCGAGTA
 TGTGATGCGTCACAAAGGAGCCAAAGCACCTCCGCTCAACTCTGCATGACCTAGCTGGTTCCAGTACCAC
 TCTCTGGATGTCATTGGTTCTTATTGCTCTGTGTGGTAGGTGTGGTATTCATCATCACAAAATTCTGCC
 TCTTTTGTGCCGTAAGACTGCTAACATGGGAAAGAAGAAGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_173295

Insert Size: 1590 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:	<u>NM_173295.1, NP_775417.1</u>
RefSeq Size:	1961 bp
RefSeq ORF:	1590 bp
Locus ID:	286954
UniProt ID:	<u>P09875</u>
Cytogenetics:	14p21
Gene Summary:	catalyzes the transfer of glucuronate from UDP-glucuronate to beta-D-glucuronoside; may play a role in drug metabolism [RGD, Feb 2006]