

## Product datasheet for **RN214008**

### Ugt2b (NM\_031533) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt2b (NM_031533) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt2b
Synonyms:	Ugt2b2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214008 representing NM\_031533  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCAGAAAGTGGATTCTGCTCTGTTCTGCTACAGATAAGTTACTGTTTCAAATCTGGGCACTGTG  
 GGAAGGTGTTGGTGTGGCCGATGGACTTTAGTCACTGGATGAATATAAAAATAATCCTTGATGAACCTGT  
 ACAGAGGGGCCATGAGGTCAGTGTCTGAAACCTTCGGCTTACTTTTTCTTGATCCGAAAAATCGTCT  
 GACCTTAAGTTTGAAATTTTCTACATCTATCAGTAAAGATGAGCTGCAAAATCATTTCAAAAATTTT  
 TGGATGTGTGGACTTATGAGTTGCCAAGAGATACATGTTTGTCAATTCTCCTATCCTTCAAATCTAGT  
 TTATGAATTTTCTATTTTATCTAAGTATTTGTAAGACGCTGTTTCAAACAAGCAGCTCATGACAAAA  
 CTACAGGAATCCAAGTTGATGTTCTTTTCGAGATCCTGTGGCTTCTGTGGGATCTGATAGCTGAAC  
 TGCTCCACATTCCTTTCTGTACAGTCTTAGCTTCTCAGGCCACAACTTGAAGTCCATTGGAAA  
 ATTTATACTCCCTCCATCTTATGTGCTGTAATTTGTGCGGACTGGCTGGCAAAATGACATTCATAGAC  
 AGGGTAAAAAATATGATATGTATGCTTTATTTGACTTTTGGTTCGAGAGACTTAGACACAAGGAATGGG  
 ACACATTTTACAGTGAGATTTTGGGAAGGCCACCACCGTAGATGAGACAATGAGCAAAGTAGAAATATG  
 GCTTATTAGATCCTATTGGGATTTGAAATTTCCCACCCAACATTACCAATGTTGACTATATTGGAGGA  
 CTCCATTGCAAACCTGCTAAACCCTTGCCTAAGGATATGGAAGAAATTTGTCCAGAGCTCTGGAGAGCACG  
 GTGTGGTGGTGTCTCTGCGGTCATGGTCAGCAACATGACAGAAGAAAAGGCCAACGCAATTGCATG  
 GGCCCTTGCCAGATTCACAAAAGGTTCTTTGGAAATTTGATGGCAAAACCCAGCAACATTAGGACCC  
 AATACCAGAGTCTACAAGTGGCTCCCGCAGAATGACATCCTGGGTCACCCAAAAACCAAGCCTTTGTAA  
 CTCATGGTGGAGCCAATGGCCTCTATGAGGCAATCTATCATGGAATCCCTATGATTGGCATTCTCTGTT  
 TGGAGATCAACCTGATAATATTGCCACATGGTGGCCAAAGGAGCAGCTGTTTCATTGAATATCAGGACA  
 ATGTCAAAGTTAGATTTTCTCAGTGCACCTGGAGGAAGTCATAGACAATCCGTTCTATAAAAAAATGTTA  
 TGTGTTGTCAACCATTACCATGACCAGCCTATGAAGCCCTGGACAGAGCTGTCTTCTGGATTGAGTT  
 TATCATGCGCCACAAAGGGGCCAAGCACCTGAGACCCTGGACATAACCTTCCCTGGTACCAGTACCAC  
 TCTCTGGATGTATTGGATTCTGCTCACCTGTTTGCAGTCATTGCAGCTCTTACTGTAATGTCTCT  
 TGTTTCATGTACCGATTCTTTGTAAGAAGGAAAAGAAAATGAAGAATGAG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_031533

**Insert Size:** 1593 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\\_031533.5](#), [NP\\_113721.4](#)

**RefSeq Size:** 1975 bp

**RefSeq ORF:** 1593 bp

**Locus ID:** 24862

**Cytogenetics:** 14p22-p21.2

**Gene Summary:** enzyme involved in conjugating lipophilic aglycon substrates with glucuronic acid [RGD, Feb 2006]