

Product datasheet for **RN202733**

Ugt2b17 (NM_153314) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt2b17 (NM_153314) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt2b17
Synonyms:	Rlug38; Udpgt; UDPGT 2B5; Udpgtr-3; Ugt2b3; Ugt2b5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202733 representing NM_153314
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCTGGGAAGTGGATTCTGCTCTTCTCCTGCTACAGATAAGTTGCTGTTTCCAATCTGGGAAGTGTG
 GGAAGGTGTTGGTGTGGCCGATGGAATTCAGCCACTGGATGAATATAAAAAACAATACTGGATGAAGTGT
 ACAGAGGGGCCATGAAGTCACTGTTCTGAAACCTTCGGCTTACTATGTTCTTGATCCGAAAAATCGCCA
 GATCTTAAGTTTGAACTTTCCCTACATCTGTCAGTAAAGATGAACTGGAAAAATTATTCATAAAGCTTG
 TGGATGTGTGGACTTATGAGTTGCAAAGAGATACATGTTTGTCTTATTCTCCTTACTACAAAATATGAT
 AGATGGATTTTCTGATTACTATCAAGTCTTTGTAAGACACCGTTTCAAACAAGCAGCTCATGGCAAAA
 CTACAGGAATCCAAGTTGATGTTCTTTTGTGATCCTGTGGCTGCCTGTGGGAGCTGATAGCCGAAG
 TGCTCCACATTCCTTTCTGTACAGTCTTCGCTTCTCAGGCTACAAAATTGAAAAGTCCAGTGGAAAG
 ATTTATATTACCTCCATCTTATGTACCAGTAATTTTGTGATGAGGATGGGTGGCCCAATGACATTCATAGAC
 AGGGTAAAAAATATGATATGTACGCTTTATTTGACTTTTGGTTCCATATGTTTAAATGCCAAGAAATGGG
 ATCCATTTTACAGTGAGATTTTGGGAAGGCCACCCACCTTAGCTGAGACAATGGGCAAAGCAGAAATGTG
 GCTCATTAGATCCTACTGGGATTTGGAATTTCCCAACCAACATTACCAATGTTGACTATATTGGAGGA
 CTCCAATGCAGACCTCCTAAACCCTTGCCCAAGGATATGGAAGATTTTGTCCAGAGCTCTGGAGAGCATG
 GCGTGGTGGTGTCTCTGGGGTCAATGGTCAGCAGCATGACAGAAGAAAAGGCCAATGCAATTGCATG
 GGCCCTTGCCAGATTCACAAAAGGTTCTTTGGAAATTTGATGGCAAAACCCAGCAACCTTAGGACCC
 AATACCAGAGTCTACAAGTGGCTTCCCAAGAATGACCTCCTTGGTCATCCAAAACCAAGCCTTTGTAA
 CTCATAGTGGAGCCAATGGTGTCTATGAGGCCATCTATCATGGAATCCCTATGGTTGGCATTCTATGTT
 TGGAGAACAACATGATAACATTGCCACATGGTGGCCAAAGGAGCAGCTGTTACACTGAATATCAGGACA
 ATGTCAAAGTCAGATTTGTTCAATGCATAAAGGAAATAATAACAATCCATTCTATAAAAAAATGCTG
 TGTGGTTGTCAACCATTACCATGACCAACCTATGAAGCCCTGGACAAGGCTGTCTTCTGGATTGAGTT
 TGTGATGCGCCACAAAGGGGCCAAGCACCTGAGGCCACTGGACATGACCTTCCCTGGTACCAGTACCAC
 TCTCTGGATGTATTGGATTCTGCTCACCTGTTGGCAGTCATTGCAGTCTTACTGTAATAATGCTTCT
 TGTTTATTACCGACTCTTGTGAAGAAGGAAAAGAAAATGAAGAATGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_153314

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_153314.2](#), [NP_695226.2](#)

RefSeq Size: 1819 bp

RefSeq ORF: 1593 bp

Locus ID: 266685

UniProt ID: [P08542](#)

Cytogenetics: 14p21

Gene Summary: enzyme which glucuronidates testosterone, dihydrotestosterone, and beta-estradiol [RGD, Feb 2006]