

## Product datasheet for **RN212900**

### **Ugt1a3 (NM\_201424) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ugt1a3 (NM_201424) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt1a3
Synonyms:	UDPGT 1-3; Ugt1; Ugt1a4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN212900 representing NM\_201424  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGAATCCAAGGGTTCCTGCAGAACTCTCAGGACTGCTGCTCCTGCTGTGTGCCCTGCCTGGGCTG  
 AAGGTGGAAGGTGCTGGTGTTCATGAGGGCAGCCACTGGCTGAGCATGAGGGATGTCGTGAGGGA  
 GCTCCACGCCGAGGTCACCAGGCTGTGGTCTGGCTCCAGAGGTGACTGTGCACATCAAAGAAGAGGAC  
 TTCTTCACCTCCAAACCTACCCTGTTCCATACACCAAGGAAGAGTACAGGCACCACTTGTGGCCACC  
 TTCAAATTTTTTCGAACTGAATTTCTGAAAGTTAGTTCTACAGAGAATGGCAGCTGTAATAACGT  
 ATCAACATTCTATGTGAGATCTGCAGGGTCTGCTGCATAACACAGCTCTGATCCAGAGCTGAECTCC  
 AGCTCCTCGATGTGGTTTTAACAGATCCCTTTTCCCCTGTGGGCAGTGTGGCCATGTACCTGCGTG  
 TTCTGCTGTGTGTGTGCAATCCATGCTCTGTGAAGTGAATTTGAAGCAACAAACAGTCCAAACCC  
 TTCTTCTATATCCCAGGTTACTAACATTGAATTCTGACCACATGAGCTTCTAGACAGAGTGAAGAAT  
 ATGCTTTATCCTGTGCCATGGATGTATTTATGCCATGTTAATTATGGCTCTCTGGCGAGACTTGGCTCAG  
 ACCTTTTGCAGAGGGAGGTATCCGTGGTAGAGATCCTCAGACATGCCTCTGTATGGCTGTTGAGAAAGGA  
 CTTTGTGTCTACTACCCAGGCCCTTCATGCCAACATGGTCTTCATTGGGGGCATAAACTGTGCCAAC  
 AGGAAGCCACTGTCTCAGGAATTTGAAGCCTATGTCAACGCCTCCGGAGAACATGGCATCGTGGTTTTCT  
 CTTTGGGATCCATGGTCTCAGAGATCCAGAGAAGAAAGCGATGGAAATTTGCTGAGGCTTTGGGCAGAA  
 TCCTCAGACGGTCTGTGGCGCTACACCGGAAGTAGACCATCGAACCTTGCAAAGAACACTATTCTTGTC  
 AAATGGTACCCCAAAACGATCTGCTTGGTTCATCAAAGGCTCGGGCGTTCATCACACACTCCGGTTCCT  
 ATGGTATTTATGAAGGAATATGCAATGGGGTCCAATGGTGATGATGCCCTTGTGGTGATCAGATGGA  
 CAACGCCAAGCGCATGGAACTCGGGGAGCTGGGGTGACCCTGAATGTCCTGGAATGACTGCCGATGAT  
 TTGAAAAACGCCCTTAAACTGTCATCAATAACAAGAGTTACAAGGAGAACATCATGCGCCTCTCCAGCC  
 TTCACAAGGACCGTCTATCGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAGTACGTGATGAGGCACAA  
 GGGGGCGCCACACTGCGCCCCGCCACGACCTCACCTGGTACCAGTACCCTCCTTGGACGTGATT  
 GGCTTTCTCTGGCCATCGTGTGACGGTGGTCTTCATTGTCTATAAAAGTTGTGCCTATGGCTGCCGGA  
 AATGCTTTGGGGAAAGGTCGAGTGAAGAAATCACACAATCCAAGACCCAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_201424

**Insert Size:** 1596 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\\_201424.2](#), [NP\\_958827.1](#)

**RefSeq Size:** 2231 bp

**RefSeq ORF:** 1596 bp

**Locus ID:** 396551

**Cytogenetics:** 9q35