

Product datasheet for **RN200236**

Ugt1a6 (NM_057105) Rat Untagged Clone

Product data:

| | |
|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Ugt1a6 (NM_057105) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ugt1a6 |
| Synonyms: | Udpgt; UDPGT 1-6; Ugt1; Ugt1a7 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



[View online »](#)

Fully Sequenced ORF: >RN200236 representing NM_057105
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTGCCTTCTTCTGCTGCTCGACTTCTGCAGGCTTCTCTTCTTAGTGCTCGGGCTCAGTTC
 TAGGTGACAAGCTGCTGGTGGTCCCCAGGATGGCAGCCACTGGCTTAGCATGAAGGAGATAGTGGAGCA
 CCTCAGTGAACGCGGACACGACATTGTGGTGTAGTGCCAGAAGTCAATTTGCTTTGGGAGAATCCAAA
 TACTACAGGAGGAAAAGCTTCCCGTCCCTACAACCTAGAAGAGTTGCGGACCCGCTATCGCTCCTTTG
 GGAACAACCATTGCTGCCAGTCCCCCTGATGGCTCTAAGAGAGTACAGGAACAACATGATTGT
 CATTGACATGTGCTTTTTCAGCTGCCAGAGCTCCTGAAGGACTCGGCCACCCTCAGTTCCTCAGGGAG
 AACCGTTTGTGCTCTGTTACAGACCCGGCCATGCCCTGTGGTGTGATCCTGGCTGAGTATCTCAAGC
 TGCCCTCCGTCTACCTCTTCAGAGGTTCCCATGCTCTCTGGAGCACATGCTTGGTCAAAGCCCAAGCCC
 CGTATCCTATGTTCCAGATTCTACACCAAATTCAGACCACATGACATTTCCCAACGGCTGGCCAAC
 TTCATTGCTAACATCTTGAGAACTACCTTTATCATTGTCTGTACTCAAAGTATGAGATCCTTGCCTCAG
 ACCTCCTCAAGAGAGATGTGCCCTACCTGCCTTACACCAGAACTCTCTGTGGCTGTACGGTATGATTT
 TGTGTTGGAATACCCCGGCCAGTCATGCCCAACATGATCTTATTGGAGGGACCAACTGCAAGAAGAAG
 GGAACCTGTCTCAGGAATTTGAAGCCTATGTCAACGCCCTCCGGAGAACATGGCATCGTGGTTTTCTCTT
 TGGGATCCATGGTCTCAGAGATTCAGAGAAGAAAGCGATGGAATTTGCTGAGGCTTTGGGCAGAATTCC
 TCAGACGGTCTGTGGCGCTACACCGGAAGTACACCGAACCTGCAAGAACAACACTATTCTTGTCAA
 TGGCTACCCAAAACGATCTGCTTGGTCATCAAAGGCTCGGGCGTTCATCACACTCCGGTCCCATG
 GTATTTATGAAGGAATATGCAATGGGGTTCCAATGGTGATGATGCCCTTGTGGTGATGAGACAA
 CGCCAAGCGCATGGAACTCGGGGAGCTGGGTGACCCTGAATGCCTGGAAATGACTGCCGATGATTTG
 GAAAACGCCCTTAAAAGTGCATCAATAACAAGAGTTACAAGGAGAACATCATGCGCCTCTCCAGCCTTC
 ACAAGGACCGTCTATCGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAGTACGTGATGAGGCACAAGGG
 GGCGCCACACCTGCGCCCGCCGCCACGACCTCACCTGGTACCAGTACCCTCCTTGGCGTGATTGGC
 TTTCTCTGGCCATCGTGTGACGGTGGTCTTATTGTCTATAAAAGTTGTGCCTATGGCTGCCGGAAT
 GCTTTGGGGAAAGGGTCGAGTGAAGAAATCACACAAATCCAAGACCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_057105

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_057105.3](#), [NP_476446.2](#)

RefSeq Size: 2313 bp

RefSeq ORF: 1593 bp

Locus ID: 113992

Cytogenetics: 9q35

Gene Summary: catalyzes the glucuronidation of 4-nitrophenol [RGD, Feb 2006]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.