

Product datasheet for **RN201581**

Ugt2a3 (NM_001135869) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt2a3 (NM_001135869) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt2a3
Synonyms:	RGD1308444
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201581 representing NM_001135869
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGTCTGTAAAATGGGCTGTGGCAATTTTTCTGTTGCAGCTTGTCTGGAGTGGCTGTGGCATCTGCA
 GCAAGGTCTTGTGTGGCCTGTGATATGAGCCACTGGCTGAATCTCAAGACTATTCTTGAGGAACCTCGC
 AGCAAGAGGGCATGAGGTGACAGTCCTGAAATATCCCAGTATTATCATAGATCAGAGTAAACTTACTCCA
 CTGCAGTTCGAGAATATCCCTGTGCTGTATGAAACTGAGGTTGCCGAGAATCATCTAAATGAAATTGTAA
 ACCTAGCTGTGAACGTTATCCAAACCTGTCACTGTGGGAAGCAGCAAGAACACTTCAAGATTTCTTTCT
 TCAGCTGACTGGCAATTTGAAGATCTCTGTAGGAGTACATTGTACAACCAGACACTCATGAACAAGCTA
 CGGGATGCAAAAATATGATGTAATGGTTTTGGACCCTGTCATTCCCTGTGGAGAGCTGGTGGCAGAAGTAC
 TTCAGATCCCTTTTGAACACATTGAGGTTGAGCATGGGCTACTCCATGGAGAAATACTCGGCCAACT
 TCCAGTCCACTTTCGTATGTACCGGTTGTCATGGGTGAACTAACAGACCATATGACCTTACAGAGAGG
 GTGAAAAATATGATGCTTCACTGTTTTTTGAGTTTTGGCTCCAGCAATATGACTTTGCATTCTGGGATC
 AGTTTTACAGTAAAACCTAGGAAGACCCACCACATTTTGTAAAGACTGTGGGGAAAGCTGAAATTTGGCT
 AATCCGAACGTATTGGGATATTGAATTTCTCGGCCATATTTACCAAATTTGAGTTTGTGGGAGGACTG
 CACTGCAAACCTGCCAAGCCTTTGCCTAAGGAAGTGGAGGAATTTGTTTCAGAGCTCTGGAGAACATGGTG
 TTGTAGTGTTCGCTGGGGTCAATGATCAAAAACCTGACAGAAGAGAAAGCCAATCTCATTGCATCAGC
 CCTTGCCAGATCCCCAGAAGGTTTTGTGGAGATACTCAGGCAAGAAGCCAGCCACATTAGGACCCAAT
 ACTCGGATTTTAAATTGGATTCCCAGAATGATCTGCTGGACATCCTAAAACCAGGGCTTTCATCACAC
 ATGGTGGAAACGAACGGGATCTACGAAGCCATTTACCACGGGGTCCCTATGGTGGGATTTCCATGTTTGG
 TGATCAGCCTTACAACATCGCTCACATGGAGGCCAAGGGAGCAGCCGTGAAAGTCGCCATCAACACGATG
 ACCAGCGCAGATTTGCTCAGTGCCTTGAGAGCGGTCATTAATGAGCCTTCTATAAGGAGAAATGCCATGC
 GATTATCAAGAGTCCACCACGATCAGCCTGTGAAGCCCTGGACAGAGCCGTCTTCTGGATTGAGTTTGT
 CATGCGTCACAAAGGAGCCAAGCACCTTCGTGTGGCTGCACATGACCTCAGCTGGTTTCAGTACCACTCT
 CTGGATGTGATCGGGTTCCTACTGGTCTGTGTTGTAACCTGACATTCGTATCACTAAATGTTCTCTGT
 TTATGTGTAGAAAATGTTGTTTGGAGAGAAAGGAAGAAAAGGGTAACAGAAAGAAAAGAAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001135869

Insert Size: 1605 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_001135869.1](#), [NP_001129341.1](#)

RefSeq Size: 1605 bp

RefSeq ORF: 1605 bp

Locus ID: 289533

Cytogenetics: 14p21