

Product datasheet for **RN210738**

Ugt1a5 (NM_001039549) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a5 (NM_001039549) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt1a5
Synonyms:	UDPGT 1-5; Ugt1; Ugt1a6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210738 representing NM_001039549
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGACTCCATGTGACCCTGCAAGGATTAGCTGGGCTGCTGCTGCTGTATGCCCTGCCCTGGGCTG
 AAGGTGGAAAGGTGCTGGTGTTCATCCATGGAGGGCAGCCACTGGCTGAGCATGAGGGATGTCGTGAGGGA
 GCTCCACGCCCGAGGTCACCAGGCTGTGGTCTGGCTCCAGAGGTGACTGTGCACATCAAAGAAGAGGAC
 TTCTTCACCTCCAAACCTACCCTGTTCCATACACAAGACAAGGATTTAGACAACAAATGATGCGAAACA
 TAAAGTGGTCTTTGAAACAGGCAACTATGTGAAGACATTCCTTGAAACATCCGAGATTTTGAAAAACAT
 ATCGACAGTTCTTAAGGTCTTGTATGAATCTATTGCACAATGGGTCCCTGCTCCAGCATCTGAATTCC
 AGCTCCTTTGACATGGTCTTAACAGATCCTGTGATTCCGTGTGGGCAGTGTGGCCAAGTACTTGGGTA
 TCCCCACTGTGTTCTTTCTACGATACATTCCTGTGGCATAGACTCTGAGGCCACACAATGCCGAAACC
 TTCTCTTATATCCGAACCTACTACAATGCTTTCTGACCACATGACTTTCCTGCAAAGGGTCAAGAAC
 ATGCTGTACCCTCTGGCCTTGAAGTACATTTGCCATTTCTCATTCACTCGCTATGAAAGCCTGGCCTCTG
 AGCTTTTGACAGAGAAGTGTCTTTAGTGGAGGTTCTCAGCCATGCATCTGTGTGGCTGTTCCGAGGGGA
 CTTTGTGTTGACTACCCGAGGCCTGTCATGCCTAACATGGTCTTCATTGGAGGCATAAACTGTGTCATC
 AAGAAGCCTCTTTCTCAGGAATTTGAAGCCTATGTCAACGCCTCCGGAGAACATGGCATCGTGGTTTTCT
 CTTTGGGATCCATGGTCTCAGAGATTCCAGAGAAGAAAGCGATGGAAATTGCTGAGGCTTTGGGCAGAA
 TCCTCAGACGGTCTGTGGCGCTACACCGGAAC TAGACCATCGAACCTTGCAAAGAACACTATTCTTGTC
 AAATGGTACCCCAAAACGATCTGCTTGGTTCATCAAAGGCTCGGGCGTTCATCACACACTCCGGTTCCC
 ATGGTATTTATGAAGGAATATGCAATGGGTTCCAATGGTGATGATGCCCTTGTGGTGTGATGATGGA
 CAACGCCAAGCGCATGGAAACTCGGGGAGCTGGGGTGACCCTGAATGTCCTGGAATGACTGCCGATGAT
 TTGAAAAACGCCCTTAAACTGTCATCAATAACAAGAGTTACAAGGAGAACATCATGCGCCTCTCCAGCC
 TTCACAAGGACCGTCTATCGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAGTACGTGATGAGGCACAA
 GGGGGCGCCACACTGCGCCCCGCCCGCCACGACCTCACCTGGTACCAGTACCCTCCTTGGACGTGATT
 GGCTTTCTCTGGCCATCGTGTGACGGTGGTCTTCATTGTCTATAAAAGTTGTGCCTATGGCTGCCGGA
 AATGCTTTGGGGAAAGGTCGAGTGAAGAAATCACACAATCCAAGACCCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001039549

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_001039549.1](#), [NP_001034638.1](#)

RefSeq Size: 2266 bp

RefSeq ORF: 1596 bp

Locus ID: 574523

Cytogenetics: 9q35