

Product datasheet for **RN208648**

Ugt1a8 (NM_175846) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a8 (NM_175846) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt1a8
Synonyms:	UDPGT 1-8; Ugt1; Ugt1a9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN208648 representing NM_175846
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCCTTCAGGCTGTCCACCCTCCCTTCTCTGTGTGTTTGTCTGTTCTGGCCTCTGGCTTTGCC
 AGGCAGGCAGGCTGCTGGTAGTGCCCATGGACGGGAGCCACTGGTTCACCATGCAGATGATTGTGGAGAA
 ACTGAGTCACAGAGGGCATGAGGTGGTGGTAGTCATCCCAGAGGTGAGTTGGCACATGGGAAAGTCGCTG
 AATTTTACCGTAAAACTTACTCAGTTTCTTACTCTGGAAGATTTAACTACCACTTCAAGTTTTTTG
 CTCACAACCAATGGAAACTCAAGAAGTAGGGATGTTTTCTACTGAAGCATTGAGCAAGGTTTCTT
 CGAATTACTGTTTTCACACTGTAGGAGTTGTTTAAGGACAAGAAGTTAGTGGAGTACTTGAAGCAGAGT
 TCGTTTGTGCTGTTTCTGGATCCTTTTGTATGTGTGGCTTAATTCTTGCCAAGTACTTTTCTCTCC
 CGTCCGTGGTCTCAGCGGGGGAATATTTGCCACTACCTTGATGAGGGTCCCAGTGCCCAAGTCTCTCC
 TTCTTATGTTCCAGAATTCTCTAAAATTCACAGACACCATGACTTTCAAGGAGAGAGTGTGGAACCAT
 CTCTCCTACATGAAGGAGCGTGCAATTTGCCCTACTTTTTCAAACTGCCGTAGAAATGCCTCTGAAG
 TTCTCCAGACCCCGGTGACTATGAGAGACCTCTCAGCCAGTGTCCATTTGGATGTTTCAAGTACTT
 TGTGCTGGAGTTCCCGACCTGTGATGCCAACATGGTCTACATTGGTGGGATCAACTGCCACCAAGGGG
 AAGCCACTTTCAAGGAATTTGAAGCCTATGTCAACGCCTCCGGAGAACATGGCATCGTGGTTTTCTCTT
 TGGGATCCATGGTCTCAGAGATTCAGAGAAGAAAGCGATGGAATGCTGAGGCTTTGGGCAGAATTCC
 TCAGACGGTCTGTGGCGCTACACCGGAAGTACCATCGAACCTGCAAAGAACACTATTCTTGTCAA
 TGGCTACCCAAAACGATCTGCTTGGTCATCAAAGGCTCGGGCGTTCATCACACTCCGGTCCCATG
 GTATTTATGAAGGAATATGCAATGGGTTCCAATGGTGATGATGCCCTTGTGGTGATGATGAGACAA
 CGCCAAGCGCATGAAAACCTCGGGGAGCTGGGTGACCCTGAATGCCTGGAAATGACTGCCGATGATTTG
 GAAAACGCCCTTAAAACCTGTCATCAATAACAAGAGTTACAAGGAGAACATCATGCGCCTCTCCAGCCTT
 ACAAGGACCGTCTATCGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAGTACGTGATGAGGCACAAGGG
 GGCGCCACACCTGCGCCCGCCGCCACGACCTCACCTGGTACCAGTACCCTCCTTGGCAGTATTGGC
 TTTCTCTGGCCATCGTGTGACGGTGGTCTTATTGTCTATAAAAGTTGTGCCTATGGCTGCCGGAAT
 GCTTTGGGGAAAGGGTCGAGTGAAGAAATCACACAAATCCAAGACCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_175846

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_175846.2](#), [NP_787040.2](#)

RefSeq Size: 2228 bp

RefSeq ORF: 1593 bp

Locus ID: 301595

Cytogenetics: 9q35

Gene Summary: UDP-glucuronosyltransferase; enzyme of the glucuronidation pathway [RGD, Feb 2006]