

Product datasheet for **RN216860**

Ugt1a6 (NM_001039691) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt1a6 (NM_001039691) 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



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Fully Sequenced ORF: >RN216860 representing NM_001039691
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTGCCTTCTTCTGCTGCTCGACTTCTGCAGGCTTCTCTTCTTCTAGTGCTCTGGGCTCAGTTC
 TAGGTGACAAGCTGCTGGTCCCGCAGGATGGCAGCCACTGGCTTAGCATGAAGGAGATAGTGGAGCA
 CCTCAGTGAACGCGGACACGACATTGTGGTGTAGTGCCAGAAGTCAATTTGCTTTGGGAGAATCCAAA
 TACTACAGGAGGAAAAGCTTCCCGTCCCTACAACCTAGAAGAGTTGCGGACCCGCTATCGCTCCTTTG
 GGAACAACCACTTTGCTGCCAGTCCCGCTGATGGCTCTTAAGAGAGTACAGGAACAACATGATTGT
 CATTGACATGTGCTTTTTCAGCTGCCAGAGCTCCTGAAGGACTCGGCCACCCCTCAGTTCCTCAGGGAG
 AACCAAGTTGATGCTCTGTTACAGACCCGGCCATGCCCTGTGGTGTGATCCTGGCTGAGTATCTCAAGC
 TGCCCTCCGTCTACCTCTTCAGAGGTTCCCATGCTCTCTGGAGCACATGCTTGGTCAAAGCCCAAGCCC
 CGTATCCTATGTTCCAGATTCTACACCAAATTCAGACCACATGACATTTCCCAACGGCTGGCCAAC
 TTCATTGCTAACATCTTGAGAACTACCTTTATCATTGTCTGTACTCAAAGTATGAGATCCTTGCCTCAG
 ACCTCCTCAAGAGAGATGTGCCCTACCTGCCTTACACCAGAACTCTCTGTGGCTGTACGGTATGATTT
 TGTGTTGGAATACCCCGGCCAGTCATGCCCAACATGATCTTATTGGAGGGACCAACTGCAAGAAGAAG
 GGAACCTGTCTCAGGAATTTGAAGCCTATGTCAACGCCCTCCGGAGAACATGGCATCGTGGTTTTCTCTT
 TGGGATCCATGGTCTCAGAGATTCCAGAGAAGAAAGCGATGGAATTTGCTGAGGCTTTGGGCAGAATTCC
 TCAGACGGTCTGTGGCGCTACACCGGAACTAGACCATCGAACCTTGCAAGAACAACACTATTCTTGTCAA
 TGGTACCCCAAAACGATCTGCTTGGTCATCAAAGGCTCGGGCGTTCATCACACTCCGGTCCCATG
 GTATTTATGAAGGAATATGCAATGGGTTCCAATGGTGTGATGATGCCCTTGTGGTGTGATGATGACAA
 CGCCAAGCGCATGGAACTCGGGGAGCTGGGTGACCCTGAATGCTCTGGAAATGACTGCCGATGATTTG
 GAAAACGCCCTTAAAACGTGCATCAATAACAAGAGTTACAAGGAGAACATCATGCGCCTCTCCAGCCTTC
 ACAAGGACCGTCTATCGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAGTACGTGATGAGGCACAAGGG
 GGCGCCACACCTGCGCCCGCCGCCACGACCTCACCTGGTACCAGTACCCTCCTTGGCAGTATTGGC
 TTTCTCTGGCCATCGTGTGACGGTGGTCTTATTGTCTATAAAAGTTGTGCCTATGGCTGCCGGAAT
 GCTTTGGGGAAAGGGTCGAGTGAAGAAATCACACAAATCCAAGACCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001039691
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001039691.2](#), [NP_001034780.1](#)

RefSeq Size: 2351 bp

RefSeq ORF: 1593 bp

Locus ID: 113992

UniProt ID: [P08430](#)

Cytogenetics: 9q35

Gene Summary: catalyzes the glucuronidation of 4-nitrophenol [RGD, Feb 2006]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.