

## Product datasheet for **MC217671**

### **Ugt1a7c (NM\_201642) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ugt1a7c (NM_201642) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ugt1a7c
Synonyms:	A10 <sup>1</sup> ; A13; Ugt1a10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217671 representing NM\_201642  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTCTCGAGACTTCCAGCCTCCCTTCTCTGTGTGCCTGCTGCTGGCCTCTGGCTTGCCCC  
 AGGCAGGCAGGCTGCTGGTGGTGCCTATGGATGGGAGCCACTGGTTTACGATGCAGACGGTTGTGGAGAA  
 ACTCCTTCACAAAAGCCATGAGGTCGTAGTGGTTGTTCCGGAGGTGAGTTGGCAGCTGACGAAACCATTG  
 AATTTTGTAGTAAAACATATGCAGTTTCTCATACGCAGGAGGATTTAAACCGGGAGTTCAAGATTTTAA  
 TTGATGCACAATGGAAAAGTCAAGGAGGAGGAGGAATACTTCTCTGCTTATTCTCCAGCCAAAGGTTT  
 CTTGCAATTACTGTTTTCACTGTAGGAGTTGTTTAAACGACAAGAAGTTAGTGAATACTTGAAGCAG  
 ACTTCTTTTGTGCTGTGTTTCTGGATCCTTCGATGTGTGCGGCTTAACTGTAGCCAAGTACTTTTCTC  
 TCCATCCGTGGTCTTCCAGCAGAGGAATTTTTGTATTATCTTGAAGATGCTGCCAGTCCCCAGTCC  
 TCCTTCTTATATCCCAGAAATGCTTTAAAATTCACAGACACCATGACTTTCAAGGAAAGAACTCGGAAC  
 CTTTTGGCCTACATGGGGGAGCGTGCATTTTGTATAAGTTTTTCAAAGTGCTGCAGATATTGCCTCTG  
 AAGTTCTCCAGACCCAGTACTATGACAGACCTCTTCCAGCCAGTGTCCATTTGGTTGTTACGCACAGA  
 CTTTGTCTGGAGTTCCCGAGACCTGTGATGCCCAATGTGATCTACATTTGGTGGAAATCAACTGCCACCAG  
 GGAAAGCCACTTTCCAAGGAATTTGAAGCCTATGTCAACGCCTCTGGGGAGCATGGCATCGTTGTTTTCT  
 CTTTGGGATCCATGGTCTCAGAGATCCGGAGAAGAAAGCCATGGAAATTTGCTGAGGCTTTGGGCAGAA  
 TCCTCAGACGGTCTGTGGCGCTACACCGGAAGTAGACCATCGAATCTTGCAAAGAACACAATTTGTGC  
 AAATGGTACCCCAAAATGATCTGCTTGGTTCATCAAAGACTCGGCATTCATCACACACTCTGGCTCCC  
 ATGGTATTTATGAAGGAATATGCAATGGAGTCCGATGGTGTGATGATGCCCTATTTGGCGATCAGATGGA  
 CAATGCCAAGCGCATGGAAACTCGGGGAGCTGGGGTACCTGAATGTCCTTGAATGACTGCTGATGAT  
 TTGAAAAATGCCCTTAAACTGTATCAACAACAAGAGCTACAAGGAGAATCATGCGCCTCTCCAGCC  
 TTCACAAGGACCGTCTATAGAGCCTCTGGACCTGGCTGTGTTCTGGGTGGAATACGTGATGAGGCACAA  
 GGGGGCACACACTGCGCCCGGCCCATGACCTCACCTGGTATCAGTACCCTCCTTGGATGTGATT  
 GGCTTCTCTGGCCATTGTGTTGACAGTGGTCTTATTGTCTTTAAATGTTGTGCCTATGGCTGCCGGA  
 AATGCTTTGGGGAAAGGGCGAGTGAAGAAATCACACAATCCAAGACCCAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_201642

**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\\_201642.4](#), [NP\\_964004.1](#)

**RefSeq Size:** 3294 bp

**RefSeq ORF:** 1596 bp

**Locus ID:** 394432

**UniProt ID:** [Q6ZQM8](#)

**Cytogenetics:** 1 D

**Gene Summary:** UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds. This isoform has specificity for phenols. [UniProtKB/Swiss-Prot Function]