

## Product datasheet for **MR208552**

### Ugt2a3 (NM\_028094) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt2a3 (NM_028094) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ugt2a3
Synonyms:	2010321J07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208552 representing NM\_028094  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTCTCTGAAAAATGTGTTGCGGCATTTTTCTGCTGCAGCTTGTCTGGGCCGGCTGTGGATTCTGCA  
 GCAAGGTCCCTCGTGTGGCCCTGTGATATGAGCCACTGGCTGAATCTAAAGACTATTCTTGAGGAGCTTGG  
 AGCAAGAGGGCAGAGGTAACAGTCCTGAAATACCCAGTATCATCATAGATCAGAGTAAACGATTCCCA  
 CTGCACCTTGAGAATATTCCTTTGCTGTATGAAATCGAGACAGCTGAGAATCGTTTAAATGAGATTGCAA  
 ATCTAGCTGTGAATGTCATTCCAAACCTGTCACTGTGGGAAGCAGCAAAAACATTACAAGACTTCTTTCT  
 TCAAGTAACTGGAGATTTTGAAGTATTTGTAGGAGTGTATTGTACAACCAGAAATTCATGGACAAGCTA  
 CGGGATGCACAATATGATGTAGTGGTTATAGACCCTGTCGTTCCCTGTGGAGAGTTGGTGGCAGAAGTGC  
 TTCAGATCCCTTTCGTATACACACTGAGGTTTCCAGATGGGCTACTACATGGAGAAACACTGTGGCCAGCT  
 TCCAATCCACTCTCGTATGTACCGGTTGTGATGAGTACTGACAGACAATATGACCTTACAGAGAGG  
 GTGAAAAATATGATGTTTTCACTGTTGTTTGTAGTACTGGCTCCAGCAATATGACTTTGCATTCTGGGATC  
 AGTTTTACAGTGAACCCCTAGGAAGGCCACAACGTTCTGTAAGACTGTGGGAAAAGCTGACATTTGGCT  
 AATCCGAACATATTGGGATGTTGAGTTTCTCGTCCATATTTACCAAATTTGAGTTTGTGGGAGGACTG  
 CACTGCAAACCTGCCAAGCCTTACCTAAGGAAATGGAAGAAATTTGTTCCAGAGCTCTGGAGAACATGGTG  
 TAGTAGTATTTTCACTGGGGTCAATGGTCAAAAACCTGACAGAAGAGAAAGCCAACCTCATTGCCTCTGT  
 CCTTGCCAGATCCCCAGAAGGTTTTGTGGAGATACTCAGGCAAGAAGCCAGCCACATTAGGATCCAAT  
 ACTCGGCTTTTAAATGGATTCCCAGAATGATCTTCTTGGACATCCTAAAACCAAAGCTTTCATCACAC  
 ATGGTGGAAACAACGGGATTTATGAAGCCATTTACCATGGGGTCCCTATGGTGGGGCTTCCCATGTTAGG  
 GGATCAGCCTCACAAACATCGCTCACATGGAGGCCAAGGGAGCAGCCCTGAAAGTCAGCATCAGTACAATG  
 ACGAGCACAGATTTACTCAGTGTGTGAGGCGAGTCATTAATGAGCCTTCTTATAAAGAGAAATGCCATGC  
 GGTTATCAAGAATCCACCATGATCAGCCAGTGAAGCCCTGGACCGAGCAGTCTTCTGGATTGAGTTTGT  
 CATGCGTCACAAAGGAGCCAAGCATCTTCGTGTGGCAGCCATGACCTCAGCTGGTTTTCAGTACCACTCC  
 CTAGATGTGATTGGTTCTATTGTTGTGTGTCGTTACTCTGACATTCATCATCACTAAATTTTGTGTTGT  
 TTGTGTGTCAAAAACCTTATATGAAAGAAAGTAAGAAAATGGGGAACAGAAAGAAAAGAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208552 representing NM\_028094  
 Red=Cloning site Green=Tags(s)

MVSEKCVAAFFLLQLCWAGCGFCSKVLVWPCDMSHWLNLKITLEELGARGHEVTVLKYPYIIIDQSKRIP  
 LHFENIPLLYEIEAENRLNEIANLAVNVIPNLSLWEAAKTLQDFFLQVTGDFESICRSVLYNQKFMKDL  
 RDAQYDVVVIDPVVPCGELVAEVLQIPFYVTLRFVSMGYMEKHCGQLPIPLSYVPPVMSSELDNMTFTER  
 VKNMMFSLLEFYWLQQYDFAFWDQFYSETLGRPTTFCKTVGKADIWLIRTYWDVEFPRPYLPNFEFVGG  
 HCKPAKPLPKEMEEFVQSSGEHGTVVSLGSMVKNL TEEKANLIASVLAQIPQKVLWRYSGKKPATLGSN  
 TRLFNWIPQNDLLGHPKTKAFITHGGTNGIYEAIYHGVPVGVPM LGDQPHNIAHMEAKGAALKVSI STM  
 TSTDLLSAVRAVINEPSYKENAMRLSRIHHDQPVKPLDRAVFWIEFVMRHKGAKHLRVA AHDL SWFQYHS  
 LDVIGFLLL CVVTLTFIITKFLFVCQKLYMKESKMMGNRKKKN

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9015\\_f10.zip](https://cdn.origene.com/chromatograms/mm9015_f10.zip)

**Restriction Sites:**

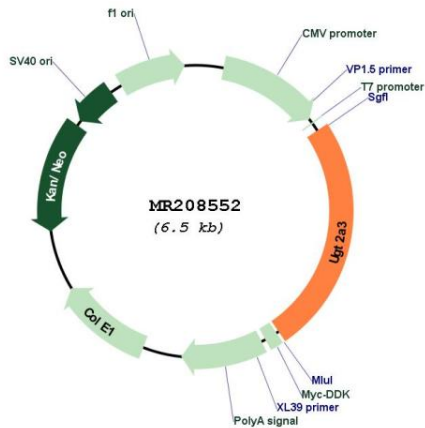
Sgfl-Mlul



**MW:** 61.6 kDa

**Gene Summary:** UDP-glucuronosyltransferases catalyze phase II biotransformation reactions in which lipophilic substrates are conjugated with glucuronic acid to increase water solubility and enhance excretion. They are of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds (By similarity). [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208552