

Product datasheet for **MC201319**

Ugt3a2 (NM_144845) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt3a2 (NM_144845) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ugt3a2
Synonyms:	AI313915
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC022134 sequence for NM_144845
 GTGACAGAGGCTTACAGGGTCCCTTAGTGGGGCACAGCTCTTTAGGTGTGCAACCTGTGTGAGGGCTCCA
 CATATTCTACAGATGGCAGCACATCGGCGTTGGCTTCTCATGAGCTTCTTTTCTTGAGGTTATTTCTCT
 TGGAGGCTGCAAAAACTCTGACTATATCTACACTGAGTGCAAGCCATTATATAGTGATAAGCCGTGTGTC
 GCAAGTTCTTCATGAAGTGCGCCACAATGTGACCAAACTCTTTATGAAAGTGCTAATATCCCAGATTTT
 AGAAAGGAAAAACCATCATATCAAGTTATTAATTGGCGTCCACCTGAAGATCAGGAAAAAGAAATTTGCTG
 ATCTTAGGCATCGACTTACAGAAGAAATAACTTATGGCAGGTCCAAACATCACACCCTTCTAAAGATCCA
 TCAATACTTTGGGACTTATGCAGTCAATTATTAAGCAGAAAGGACATCATGGACTTCTTAAAAAATGAG
 AACTTTGACCTAGTACTTCTTGATTCAATGGATCTCTGTTCTTTGCTAATTGTTGAAAAGCTTGGGAAAC
 GATTTGTGTCCTTTCTTCCCTTTCAATTTAGCTATATGGACTTTGGGTTACCAAGCGCCCTTGTCTTA
 TGCTCCAGTGTATGGTTCTGGTCTAACTGACCAAAATGGACTTCTGGGGCCGAGTGAAGAATTTCTGATG
 TTCCTTGATTTCTCCATGAAGCAAAGGGAATCCTTTCTCAGTATGACAGCACTATCCAGGAGCATTTTG
 TGAAGGCTCTCAGCCAGTGTGTCTGACCTTCTACTGAAAGCTGAGCTGTGGTTTGTCAACTCTGACTT
 TGCTTTGGATTTTGTCTGCTCCCTGTTTCCAACACAGTCTATGTGGAGGTTTACTGGACAAACCTGTT
 CAGCCAATACCCAAGACTTGGAGAATTTATCTCTCAGTTTGGAGACTCAGGTTTGTCTTGTGGCCC
 TGGGCTCTATAGTGAGCATGATTCAAGTCAAGGAAATTATTAAGGAGATGAACAGTGCCTTTGTCTACCT
 CCCTCAAGGGGTGCTATGGACATGTAAGACTTCTCATTGGCCCAAAGATGTCAGTTTGGCCCAAATGTC
 AAAATCATGGATTGGCTTCCACAGACTGACCTTCTAGCTCACCCTAGCATTTCGTCTGTTTGTCACTCATG
 GAGGGATGAACAGTGTGATGGAGGCTGTCCATCATGGAGTACCCATGGTGGGATTCCATTTTTTTTTGA
 CCAACCTGAAAACATGGTCCGAGTAGAAGCAAAGAACCTTGGTGTCTTATTCAGCTACAGACGCTCAAG
 GCAGAGTCATTTGCGCTCACCATGAAAAAATCATAGAAGACAAGAGGTACAAGTCTGCAGCAATGGCCT
 CCAAGATTATCAGGCACTCCACCCACTGACCCCTGCCAGAGGCTTTTGGGCTGGATAGATCATATCTT
 GCAGACAGGGGTGCAGCACATCTCAAGCCATATGCTTTCCAGCAGCCATGGCATGAGCAGTACATGCTT
 GATGTCTTCTCTTTCTCCTAGGGCTCATGCTGGGTACTTTGTGGCTTAGTGTAAGGTTCTTGTGTCTG
 TAACCAGGTATCTGAGTATAGCAACGAAGGTCAAGGAGGCATAATGCTGAAATGCTGGGCTTGGCTCTGG
 TGTAGGGATGGGAGTCTGTGGCTCTTCCAGAGGCTTCCGTAATTCAGCACAGAGAACTCTAGCATTCT
 CTGCTCCATCTTCTACTGATGCACCCGAGTTAGTACCTCACTACTTTTGGCCCTGTTTCTCTTATGA
 TCTTCATTCTACTTAGATATAAACCACTTGCATCATGTGTTCTCTCTCACTCATTTATCCTAAACAC
 ACTGCTTCAATAGGCTGTTTGGCCCATGGCTCCTTATGTTCTCTCTCTTTATCCCTTCTATCATTGG
 GGTTAAAACCATAGTTGGACATTTTTTCTCATGTTCTTTTTTTTTTTATATAAACATTCTTTAGAGCT
 CAGAACACCTGCTCTGCCTTACTCCACTGTTTCCCTAAGATCTGGACAATAATCATTCTATATTGTGAAT
 GAATTTATCTAAGAATATATGAAGTAGAAAAATATAATAATTATTGTTTGGTAATAATCAGAATAAAAAAT
 AATATGCAACTAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_144845

Insert Size: 1572 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC022134](#), [AAH22134](#)

RefSeq Size: 2196 bp

RefSeq ORF: 1572 bp

Locus ID: 223337

UniProt ID: [Q8JZZ0](#)

Cytogenetics: 15 A1

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]