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Product datasheet for MC206334

Ugt2a3 (BC025795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt2a3 (BC025795) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ugt2a3
Synonyms:	2010321J07Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC025795
GGCACAATATGGTCTCTGAAAAATGTGTTGCGGCATTTTTTCTGCTGCAGCTTTGCTGGGCCGGCTGTGG
ATTCTGCAGCAAGGTCCTCGTGTGGCCCTGTGATATGAGCCACTGGCTGAATCTAAAGACTATTCTTGAG
GAGCTTGGAGCAAGAGGGCACGAGGTAACAGTCCTGAAATACCCCAGTATCATCATAGATCAGAGTAAAC
GTATTCCACTGCACTTTGAGAATATTCCTTTGCTGTATGAAATCGAGACAGCTGAGAATCGTTTAAATGA
GATTGCAAATCTAGCTGTGAATGTCATTCCAAACCTGTCACTGTGGGAAGCAGCAAAAACATTACAAGAC
TTCTTTCTTCAAGTAACTGGAGATTTTGAAAGTATTTGTAGGAGTGTATTGTACAACCAGAAATTCATGG
ACAAGCTACGGGATGCACAATATGATGTAGTGGTTATAGACCCTGTCGTTCCCTGTGGAGAGTTGGTGGC
AGAAGTGCTTCAGATCCCTTTCGTATACACACTGAGGTTCAGCATGGGCTACTACATGGAGAAACACTGT
GGCCAGCTTCCAATTCCACTCTCGTATGTACCGGTTGTCATGAGTGAGCTGACAGACAATATGACCTTCA
CAGAGAGGGTGAAAAATATGATGTTTTCACTGTTGTTTGAGTACTGGCTCCAGCAATATGACTTTGCATT
CTGGGATCAGTTTTACAGTGAAACCCTAGGAAGGCCCACAACGTTCTGTAAGACTGTGGGGAAAGCTGAC
ATTTGGCTAATCCGAACATATTGGGATGTTGAGTTTCCTCGTCCATATTTACCAAATTTTGAGTTTGTGG
GAGGACTGCACTGCAAATCTGCCAAGCCTTTACCTAAGGAAATGGAAGAATTTGTTCAGAGCTCTGGAGA
ACATGGTGTAGTAGTATTTTCACTGGGGTCAATGGTCAAAAACCTGACAGAAGAGAAAGCCAACCTCATT
GCCTCTGTCCTTGCCCAGATTCCCCAGAAGGTTTTGTGGAGATACTCAGGCAAGAAGCCAGCCACATTAG
GATCCAATACTCGGCTTTTTAATTGGATTCCCCAGAATGATCTTCTTGGACATCCTAAAACCAAAGCTTT
CATCACACATGGTGGAACAAACGGGATTTATGAAGCCATTTACCATGGGGTCCCTATGGTGGGCGTTCCC
ATGTTAGGGGATCAGCCTCACAACATCGCTCACATGGAGGCCAAGGGAGCAGCCCTGAAAGTCAGCATCA
GTACAATGACGAGCACAGATTTACTCAGTGCTGTGAGGGCAGTCATTAATGAGCCTTCTTATAAAGAGAA
TGCCATGCGGTTATCAAGAATCCACCATGATCAGCCAGTGAAGCCCCTGGACCGAGCAGTCTTCTGGATT
GAGTTTGTCATGCGTCACAAAGGAGCCAAGCATCTTCGTGTGGCAGCCCATGACCTCAGCTGGTTTCAGT
ACCACTCCCTAGATGTGATTGGGTTCCTATTGTTGTGTGTCGTTACTCTGACATTCATCATCACTAAATT
TTGTTTGTTTGTGTGTCAAAAACTTTATATGAAAGAAAGTAAGAAAATGGGGAACAGAAAGAAAAAGAAC
TAGGTCTTTTTTAGGTTTGGGAAAGCCCTGAGTGACAATTATATTAACAATCACCACAAGAAGCATGCAA
CTTCCTGCTTTATACCTATTTTCAAATAAGCAGCTCTGTTTCAGACTGGAAATAAATGTAAACATTAAGC
ATGATAATTAACTACTGATTTGTTCCAATCTTCTATCTTGTAGGCATTCTCCTCTCACTCTTCTAAGATA
TGGAAAATTAATTCTAAATATATTCTATAGAAAGGAAGTGATGAATAACAATATGCTAGACCTCTGGGAA
GACATATAATACCAATCTTATTGATGTATATGAGGATCTCTTACAGTCAATGTCATAAGCCTATCATATT
GTCTAAGAACAACCAAAAGAATTTAGTGTGAGAGGGTACTTTTCTAATAAGAAGGAACGTTTCTGTTTTT
ATAGTGTTGCAGATATTAGAGCATGATTTCTTTTTTATTTTCCAAAAATAATTTATTGAAAAAAAAAAAA AAA

Restriction Sites: RsrII-NotI

ACCN: BC025795

Insert Size: 1605 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:	BC025795, AAH25795
RefSeq Size:	2103 bp
RefSeq ORF:	1605 bp
Locus ID:	72094
Cytogenetics:	5 E1
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]