

Product datasheet for **SC209435**

UGT1A3 (NM_019093) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	UGT1A3 (NM_019093) Human 3' UTR Clone
Symbol:	UGT1A3
Synonyms:	UDPGT; UDPGT 1-3; UGT-1C; UGT1-03; UGT1.3; UGT1A3S; UGT1C
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_019093
Insert Size:	771 bp
Insert Sequence:	>SC209435 3'UTR clone of NM_019093 The sequence shown below is from the reference sequence of NM_019093. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAGAAAGCCACAAATCCAAGACCCATTGAGAAGTGGGTGGGAAATAAGGTAAAATTTGAACCATTC
CTAGTCATTTCCAAACTGAAAACAGAATCAGTGTAAATTCATTTTATTCTTATTAAGGAAATACTTT
GCATAAATTAATCAGCCCAGAGTGCTTAAAAAATTCTCTAAATAAAAAATAATAGACTCGCTAGTCA
GTAAAGATATTTGAATATGTATCGTGCCCTCTGGTGTCTTTGATCAGGATGACATGTGCCATTTTTC
AGAGGACGTGCAGACAGGCTGGCATTCTAGACTTTTCTACTCTGAAACATGGCCTGTTGGGAGT
GCGGGATTCAAAGGTGGTCCCACGGCTGCCCTACTGCAATGGCAGTTTAATCTTATCTTTGGCTT
CTGCAGATGGTTGCAATTGATCCTTAACCAATAATGGTCAGTCCTCATCTCTGTCGTGCTTCATAGGTG
CCACCTTGTTGTGTTAAAGAAGGGAAGCTTTGTACCTTAGAGTGTAGGTGAAATGAATGAATGGCTTG
GAGTGCACTGAGAACAGCATATGATTTCTGCTTTGGGAAAAAGAATGATGCTATGAAATGGTGGGT
GGTGTATTTGAGAAGATAATCATTGCTTATGTCAAATGGAGCTGAATTTGATAAAAAACCCAAAATACAG
CTATGAAGTGTGGCAAGTTTACTTTTTTCTGATGTTTCTACAACAAAAATAAATTAATAAATTT
ATATAAATTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_019093.4</u>
Summary:	This gene encodes a UDP-glucuronosyltransferase, an enzyme of the glucuronidation pathway that transforms small lipophilic molecules, such as steroids, bilirubin, hormones, and drugs, into water-soluble, excretable metabolites. This gene is part of a complex locus that encodes several UDP-glucuronosyltransferases. The locus includes thirteen unique alternate first exons followed by four common exons. Four of the alternate first exons are considered pseudogenes. Each of the remaining nine 5' exons may be spliced to the four common exons, resulting in nine proteins with different N-termini and identical C-termini. Each first exon encodes the substrate binding site, and is regulated by its own promoter. Substrates of this enzyme include estrone, 2-hydroxyestrone, and metabolites of benzo alpha-pyrene. [provided by RefSeq, Jul 2008]
Locus ID:	54659
MW:	28.9