

## Product datasheet for **SC209428**

### UGT1A8 (NM\_019076) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** UGT1A8 (NM\_019076) Human 3' UTR Clone  
**Symbol:** UGT1A8  
**Synonyms:** GNT1; hUG-BR1; UDPGT; UDPGT 1-1; UDPGT 1-8; UGT-1A; UGT-1H; UGT1; UGT1-01; UGT1-08; UGT1.1; UGT1.8; UGT1A; UGT1A1; UGT1A8S; UGT1H  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_019076  
**Insert Size:** 771 bp  
**Insert Sequence:** >SC209428 3'UTR clone of NM\_019076

The sequence shown below is from the reference sequence of NM\_019076. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGGATCGCC
AAGAAAGCCACAAATCCAAGACCCATTGAGAAGTGGGTGGGAAATAAGGTAAAATTTTGAACCATTCC
CTAGTCATTTCCAAACTTGAAAACAGAATCAGTGTAAATTCATTTTATTCTTATTAAGGAAATACTTT
GCATAAATTAATCAGCCCCAGAGTGCTTAAAAAATTCTCTAAATAAAAATAATAGACTCGCTAGTCA
GTAAGATATTTGAATATGTATCGTGCCCCCTCTGGTGTCTTTGATCAGGATGACATGTGCCATTTTC
AGAGGACGTGCAGACAGGCTGGCATTCTAGATTACTTTTCTTACTCTGAAACATGGCCTGTTTGGGAGT
GCGGGATTCAAAGGTGGTCCCACGGCTGCCCTACTGCAATGGCAGTTTAAATCTTATCTTTGGCTT
CTGCAGATGGTTGCAATTGATCCTTAACCAATAATGGTCAGTCCTCATCTCTGTCGTGCTTCATAGGTG
CCACCTTGTTGTGTTTAAAGAAGGGAAGCTTTGTACCTTTAGAGTGTAGGTGAAATGAATGAATGGCTTG
GAGTGCCTGAGAACAGCATATGATTTCTTGCTTTGGGAAAAAGAATGATGCTATGAAATTTGGTGGGT
GGTGTATTTGAGAAGATAATCATTGCTTATGTCAAATGGAGCTGAATTTGATAAAAACCCAAAATACAG
CTATGAAGTGCTGGGCAAGTTTACTTTTTTTCTGATGTTTCTACAATAAAAATAAATTAATAAATTT
ATATAAATTCTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_019076.5</a></u>
<b>Summary:</b>	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. The enzyme encoded by this gene has glucuronidase activity with many substrates including coumarins, phenols, anthraquinones, flavones, and some opioids. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	54576
<b>MW:</b>	28.9