

## Product datasheet for **SC209596**

### UGT1A6 (NM\_001072) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** UGT1A6 (NM\_001072) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** UGT1A6  
**Synonyms:** GNT1; HLUGP; HLUGP1; hUG-BR1; UDPGT; UDPGT 1-6; UGT-1A; UGT-1C; UGT-1E; UGT-1F; UGT1; UGT1-01; UGT1-03; UGT1-05; UGT1-06; UGT1.1; UGT1.3; UGT1.5; UGT1.6; UGT1A; UGT1A1; UGT1A3; UGT1A5; UGT1A6S; UGT1C; UGT1E; UGT1F  
**ACCN:** NM\_001072  
**Insert Size:** 771 bp  
**Insert Sequence:** >SC209596 3'UTR clone of NM\_001072

The sequence shown below is from the reference sequence of NM\_001072. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
AAGAAAGCCACAAATCCAAGACCCATTGAGAAAGTGGGTGGGAAATAAGGTAAAATTTGAACCATTCC
CTAGTCATTTCCAAACTTGAAAACAGAATCAGTGTAAATTCATTTTATTCTTATTAAGGAAATACTTT
GCATAAATTAATCAGCCCCAGAGTGCTTAAAAAATTCTCTAAATAAAAAATAATAGACTCGCTAGTCA
GTAAAGATATTTGAATATGTATCGTGCCCCCTCTGGTGTCTTTGATCAGGATGACATGTGCCATTTTC
AGAGGACGTGCAGACAGGCTGGCATTCTAGATTACTTTTCTACTCTGAAACATGGCCTGTTTGGGAGT
GCGGGATTCAAAGGTGGTCCCACGGCTGCCCTACTGCAAATGGCAGTTTTAATCTTATCTTTTGGCTT
CTGCAGATGGTTGCAATTGATCCTTAACCAATAATGGTCAGTCCTCATCTCTGTCTGCTTCATAGGTG
CCACCTTGTGTGTTAAAGAAGGGAAGCTTTGTACCTTTAGAGTGTAGGTGAAATGAATGAATGGCTTG
GAGTGCCTGAGAACAGCATATGATTTCTTGCTTTGGGAAAAAGAATGATGCTATGAAATTTGGTGGGT
GGTGTATTTGAGAAGATAATCATTGCTTATGTCAAATGGAGCTGAATTTGATAAAAAACCCAAAATACAG
CTATGAAGTGCTGGGCAAGTTTACTTTTTTTCTGATGTTTCTACAATAAAAAATAAATAAATTT
ATATAAATTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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>	<a href="#">NM_001072.4</a>
<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 is active on phenolic and planar compounds. Alternative splicing in the unique 5' end of this gene results in two transcript variants. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	54578
<b>MW:</b>	28.9