

Product datasheet for **SC209436**

UGT1A4 (NM_007120) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: UGT1A4 (NM_007120) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: UGT1A4
Synonyms: GNT1; hUG-BR1; HUG-BR2; UDPGT; UDPGT 1-4; UGT-1A; UGT-1D; UGT1; UGT1-01; UGT1-04; UGT1.1; UGT1.4; UGT1A; UGT1A1; UGT1A4S; UGT1D
ACCN: NM_007120
Insert Size: 771 bp
Insert Sequence: >SC209436 3'UTR clone of NM_007120

The sequence shown below is from the reference sequence of NM_007120. 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
AAGAAAGCCCACAAATCCAAGACCCATGAAGAAGTGGGTGGGAAATAAGGTAAAATTTGAACCATTCC
CTAGTCATTTCCAAACTTGAAAACAGAATCAGTGTAAATTCATTTTATTCTTATTAAGGAAATACTTT
GCATAAATTAATCAGCCCAGAGTGCTTTAAAAAATTCTTAAATAAAAAATAATAGACTCGCTAGTCA
GTAAAGATATTTGAATATGTATCGTGCCCCCTCTGGTGTCTTTGATCAGGATGACATGTGCCATTTTTC
AGAGGACGTGCAGACAGGCTGGCATTCTAGATTACTTTTCTTACTCTGAAACATGGCCTGTTTGGGAGT
GCGGGATTCAAAGTGGTCCCACGGCTGCCCTACTGCAATGGCAGTTTTAATCTTATCTTTTGGCTT
CTGCAGATGGTTGCAATTGATCCTTAACCAATAATGGTCAGTCCCTCATCTCTGTCGTGCTTCATAGGTG
CCACCTTGTGTGTTAAAGAAGGGAAGCTTTGTACCTTTAGAGTGTAGGTGAAATGAATGAATGGCTTG
GAGTGCCTGAGAACAGCATATGATTTCTTGTCTTTGGGAAAAAGAATGATGCTATGAAATGGTGGGT
GGTGTATTTGAGAAGATAATCATTGCTTATGTCAAATGGAGCTGAATTTGATAAAACCCAAAATACAG
CTATGAAGTGTGGCAAGTTACTTTTTTCTGATGTTTCTACAATAAAATAAATAAATTT
ATATAAATTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

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).



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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:	NM_007120.3
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. This enzyme has some glucuronidase activity towards bilirubin, although is more active on amines, steroids, and sapogenins. [provided by RefSeq, Jul 2008]
Locus ID:	54657
MW:	28.9