

## Product datasheet for **SC309048**

### UGT2B11 (NM\_001073) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** UGT2B11 (NM\_001073) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** UGT2B11  
**Vector:** pCMV6 series  
**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001073, the custom clone sequence may differ by one or more nucleotides

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ATGACTCTGAAATGGACTTCAGTTCCTTCTGCTGATACATCTCAGTTGTTACTTTAGCTCT
GGGAGTTGTGGAAAAGTCTGGTGTGGCCGCAGAATACAGCCATTGGATGAATATGAAG
ACAATCCTGAAAGAGCTTGTTCAGAGAGGTCATGAGGTGACTGTACTGGCATCTTCAGCT
TCCATTCTTTTGGATCCCAATGATGCATCCACTCTTAAATTTGAAGTTTATCCTACATCT
TTAACTAAAACGAATTTGAGAATATCATCATGCAACAGGTTAAGAGATGGTCAGACATT
CGAAAAGATAGCTTTTGGTTATATTTTTCAAGAACAAGAAATCCTGTGGGAATTATAT
GACATATTTAGAAAACCTGTAAAGATGTAGTTTCAAATAAGAAAGTTATGAAAAAACTA
CAAGAGTCAAGATTTGACATCGTTTTTGCAGATGCTGTTTTTCCCTGTGGTGAGCTGCTG
GCTGCGCTACTTAACATACGGTTTTGTGTACAGTCTCCGCTTTACTCCTGGCTACACAATT
GAAAGGCACAGTGGAGGACTGATTTTCCCTCCTTCTACATACCTATTGTTATGTCAAAA
TTAAGTGATCAAATGACTTTTCATGGAGAGGGTAAAAAATATGATCTATGTGCTTTATTTT
GACTTTTGGTTCCAAATGTCTGATATGAAGAAGTGGGATCAGTTTTACAGTGAAGTTTTA
GGAAGACCCACTACCTTATTTGAGACAATGGGAAAAGCTGACATATGGCTTATGCGAAAC
TCCTGGAGTTTTCAATTTCTCATCCATTCTTACCAAACGTTGATTTTGTGGAGGATTC
CACTGCAAACCTGCCAAACCCCTACCTAAGGAAATGGAGGAGTTGTACAGAGCTCTGGA
GAAAATGGTGTGTGGTGTCTCTGGGGTCAAGTATAAGTAACATGACAGCAGAAAGG
GCCAATGTAATTGCAACAGCCCTTGCCAAGATCCCAAAAAGGTTCTGTGGAGATTTGAC
GGGAATAAACAGATGCCTTAGGTCTCAATACTCGGCTGTACAAGTGGATACCCAGAAAT
GACCTTCTAGGTCATCCAAAACAGAGCTTTTATAACTCATGGTGGAGCCAATGGCATC
TATGAGGCAATCTACCATGGGATCCCTATGGTGGGCATTCCATTGTTTTTGGATCAACCT
GATAACATTGCTCACATGAAGGCCAAGGGAGCAGCTGTTAGATTGGACTCAACACAATG
TCGAGTACAGACCTGCTGAATGCACTGAAGACAGTAATTAATGATCCTTTATATAAAGAG
AATATTATGAAATTATCAAGAATCAACATGATCAACCAGTAAAGCCCTGGATCGAGCA
GTCTTCTGGATTGAATTTGTCTATGCCCCACAAAGGAGCCAAACACCTTCGAGTTGCAGCC
CATGACCTCACCTGGTCCAGTACCACTCTTTGGATGTGATTGGGTTTTCTGCTGGCCTGT
GTGGCAACTGTGATATTTATCATCACAAGTTTTGTCTGTTTTGTTTCTGGAAGTTGCT
AGAAAAGGGAAGAAGGGAAAAAGAGATTAG
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**Restriction Sites:** Please inquire  
**ACCN:** NM\_001073



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001073.1</a></u> , <u><a href="#">NP_001064.1</a></u>
<b>RefSeq Size:</b>	1722 bp
<b>RefSeq ORF:</b>	1590 bp
<b>Locus ID:</b>	10720
<b>UniProt ID:</b>	<u><a href="#">O75310</a></u>
<b>Cytogenetics:</b>	4q13.2
<b>Domains:</b>	UDPGT
<b>Protein Families:</b>	Transmembrane
<b>Protein Pathways:</b>	Androgen and estrogen metabolism, Ascorbate and aldarate metabolism, Drug metabolism - cytochrome P450, Drug metabolism - other enzymes, Metabolic pathways, Metabolism of xenobiotics by cytochrome P450, Pentose and glucuronate interconversions, Porphyrin and chlorophyll metabolism, Retinol metabolism, Starch and sucrose metabolism
<b>Gene Summary:</b>	UDPGT is of major importance in the conjugation and subsequent elimination of potentially toxic xenobiotics and endogenous compounds.[UniProtKB/Swiss-Prot Function]