

## Product datasheet for **RC215344**

### UGT2B15 (NM\_001076) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UGT2B15 (NM_001076) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UGT2B15
Synonyms:	HLUG4; UDPGT 2B8; UDPGT2B15; UDPGTH3; UGT2B8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC215344 representing NM\_001076  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCCTCTGAAATGGACGTCAGTCTTTCTGCTGATACAGCTCAGTTGTTACTTTAGCTCTGGAAGCTGTG  
 GAAAGGTGCTAGTGTGGCCACAGAATACAGCCATTGGATAAATATGAAGACAATCCTGGAAGAGCTTGT  
 TCAGAGGGGTCATGAGGTGACTGTGTTGACATCTTCGGCTTCTACTCTTGTCAATGCCAGTAAATCATCT  
 GCTATTAATAGAAAGTTTATCCTACATCTTAACTAAAAATTATTTGGAAGATTCTCTTCTGAAAATTC  
 TCGATAGATGGATATATGGTGTTCAAAAAATACATTTTGGTCATATTTTACAAATACAAGAATTGTG  
 TTGGGAATATTATGACTACAGTAACAAGCTCTGTAAGATGCAGTTTTGAATAAGAACTTATGATGAAA  
 CACAAGAGTCAAAGTTTGTGTCATTCTGGCAGATGCCCTTAATCCCTGTGGTGAAGTACTGGCTGAAC  
 TATTTAACATACCCTTTCTGTACAGTCTTCGATTCTCTGTTGGCTACACATTTGAGAAGAATGGTGGAGG  
 ATTTCTGTTCCCTCCTTCTATGTACCTGTTGTTATGTCAGAATTAAGTGAATCAATGATTTTCATGGAG  
 AGGATAAAAAATATGATACATATGCTTTATTTGACTTTTGGTTTCAAATTTATGATCTGAAGAAGTGGG  
 ACCAGTTTTATAGTGAAGTTCTAGGAAGACCCACTACATTATTTGAGACAATGGGAAAAGCTGAAATGTG  
 GCTCATTGCAACCTATTGGGATTTTGAATTTCTCGCCATTCTTACCAATGTTGATTTTGTGGAGGA  
 CTTCACTGTAAACCAGCCAAACCCTGCCTAAGGAAATGGAAGAGTTTGTGCAGAGCTCTGGAGAAAATG  
 GTATTGTGGTGTCTTCTGGGGTCGATGATCAGTAACATGTGAGAAGAAAGTCCAACATGATTGCATC  
 AGCCCTTGCCAGATCCACAAAAGGTTCTATGGAGATTGATGGCAAGAAGCCAATACTTTAGGTTCC  
 AACTACTCGACTGTACAAGTGGTTACCCAGAATGACCTTCTTGGTCATCCAAAACCAAGCTTTTATAA  
 CTCATGGTGGAAACCAATGGCATCTATGAGGCGATCTACCATGGGATCCCTATGGTGGCATTCCCTGTT  
 TCGCGATCAACATGATAACATTGCTCACATGAAAGCCAAGGGAGCAGCCCTCAGTGTGGACATCAGGACC  
 ATGTCAAGTAGAGATTTGCTCAATGCATTGAAAGTCAAGTCAATTAATGACCTGTCTATAAAGAGAATGCA  
 TGAAATTATCAAGAATTCATCATGACCAACCAATGAAGCCCTGGATCGAGCAGTCTTCTGGATTGAGTT  
 TGTGATGCGCCACAAAGGAGCCAAGCACCTTCGAGTCGCAGCTCACACCTCACCTGGATCCAGTACCAC  
 TCTTTGGATGTGATAGCATTCTGCTGGCTGCGTGGCAACTGTGATTTATCATCACAAAATTTTGC  
 TGTTTTGTTCCGAAAGCTTGCCAAAAAGGAAAGAAGAAGAAAAGAGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC215344 representing NM\_001076  
 Red=Cloning site Green=Tags(s)

MSLKWTSVFLLIQLSCYFSSGSCGKVLVWPTEYSHWINMKTILEELVQRGHEVTVLTSASTLVNASKSS  
 AIKLEVYPTSLTKNYLEDSELLKILDRWIYGVSKNTFWSYFSQLQELCWEYDYSNKLCKDAVLNKKLMMK  
 LQESKFDVILADALNPCGELLAELFNIPFLYSLRFVGYTFEKNGGGFLFPPSYVPMVMSLSDQMIFME  
 RIKNMIHMLYDFDFWFIYDLKKWDQFYSEVLGRPTTLFETMGKAEMWLIRTYWDFEFPRPFLPNVDFVGG  
 LHCKPAKPLPKEMEEFVQSSGENIVVFLGSMISNMSEESANMIASALAQIPQKVLWRFDGKPKNTLGS  
 NTRLKWLQNDLLGHPKTKAFITHGGTNGIYEAIYHGIPMVGIPLFADQHDNIAHMKAKGAALSVDIRT  
 MSSRDLLNALKSVINDPVYKENVMKLSRIHHDQPMKPLDRAVFWIEFVMRHKGAKHLRVAHNLTWIQYH  
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**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

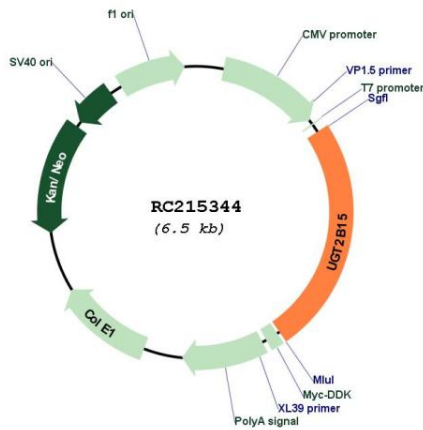
**Restriction Sites:**

Sgfl-Mlul

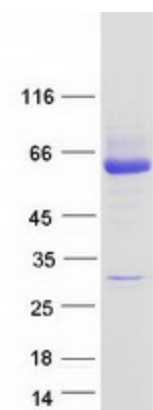


**RefSeq:** [NM\\_001076.4](#)  
**RefSeq Size:** 2144 bp  
**RefSeq ORF:** 1593 bp  
**Locus ID:** 7366  
**UniProt ID:** [P54855](#)  
**Cytogenetics:** 4q13.2  
**Domains:** UDPGT  
**Protein Families:** Transmembrane  
**Protein Pathways:** Androgen and estrogen metabolism, Ascorbate and aldarate 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  
**MW:** 60.9 kDa  
**Gene Summary:** This gene encodes a glycosyltransferase that is involved in the metabolism and elimination of toxic compounds, both endogenous and of xenobiotic origin. This gene plays a role in the regulation of estrogens and androgens. This locus is present in a cluster of similar genes and pseudogenes on chromosome 4. [provided by RefSeq, Aug 2016]

### Product images:



Circular map for RC215344



Coomassie blue staining of purified UGT2B15 protein (Cat# [TP315344]). The protein was produced from HEK293T cells transfected with UGT2B15 cDNA clone (Cat# RC215344) using MegaTran 2.0 (Cat# [TT210002]).