*h*UGT1A9 VersaClone cDNA

Catalog Number: RDC1728

Specifications:

Gene:	*h*UGT1A9
Accession:	NP_066307
Insert size:	1605bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

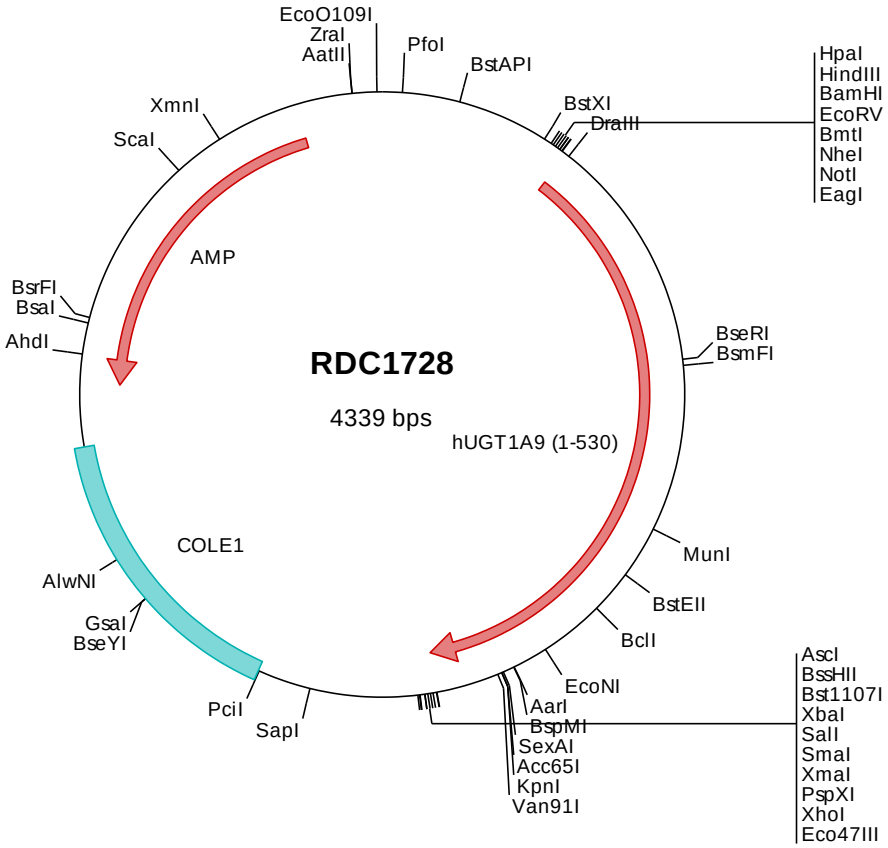
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*UGT1A9 cDNA Plasmid

UGT1A9 UDP glucuronosyltransferase family 1 member A9 [*Homo sapiens* (human)]

Also known as: LUGP4; UDPGT; UGT1I; HLUGP4; UGT-1I; UGT1-9; UGT1.9; UGT1AI; UGT1-09; UGT1A9S; UDPGT 1-9

Summary:
UGT1A9 is 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. It has specificity for phenols.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC1728 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggcttgca cagggtggac cagccccctt cctctatgtg tgtgtctgct
 501  gctgacctgt ggctttgccg aggcagggaa gctactggta gtgcccatgg atgggagcca ctggttcacc atgaggtcgg tggtggagaa actcattctc
 601  agggggcatg aggtggttgt agtcatgcca gaggtgagtt ggcaactggg aagatcactg aattgcacag tgaagactta ttcaacttca tataccctgg
 701  aggatctgga ccgggagttc aaggcttttg cccatgctca atggaaagca caagtacgaa gtatatattc tctattaatg ggttcataca atgacatttt
 801  tgacttattt ttttcaaatt gcaggagttt gtttaaagac aaaaaattag tagaatactt aaaggagagt tcttttgatg cagtgtttct cgatcctttt
 901  gataactgtg gcttaattgt tgccaaatat ttctccctcc cctccgtggt cttcgccagg ggaatacttt gccactatct tgaagaaggt gcacagtgcc
1001  ctgctcctct ttcctatgtc cccagaattc tcttagggtt ctcagatgcc atgactttca aggagagagt acggaaccac atcatgcact tggaggaaca
1101  tttattatgc caccgttttt tcaaaaatgc cctagaaata gcctctgaaa ttctccaaac acctgttacg gagtatgatc tctacagcca cacatcaatt
1201  tggttgttgc gaacggactt tgttttggac tatcccaaac ccgtgatgcc caacatgatc ttcattggtg gtatcaactg ccatcaggga aagccgttgc
1301  ctatggaatt tgaagcctac attaatgctt ctggagaaca tggaattgtg gttttctctt tgggatcaat ggtgtcagaa attccagaga agaaagctat
1401  ggcaattgct gatgctttgg gcaaaatccc tcagacagtc ctgtggcggt acactggaac ccgaccatcg aatcttgcga acaacacgat acttgttaag
1501  tggctacccc aaaacgatct gcttggtcac ccgatgaccc gtgcctttat cacccatgct ggttcccatg gtgtttatga aagcatatgc aatggcgttc
1601  ccatggtgat gatgcccttg tttggtgatc agatggacaa tgcaaagcgc atggagacta agggagctgg agtgaccctg aatgttctgg aaatgacttc
1701  tgaagattta gaaaatgctc taaaagcagt catcaatgac aaaagttaca aggagaacat catgcgcctc tccagccttc acaaggaccg cccggtggag
1801  ccgctggacc tggccgtgtt ctgggtggag tttgtgatga ggcacaaggg cgccccacac ctgcgccccg cagcccacga cctcacctgg taccagtacc
1901  attccttgga cgtgattggt ttcctcttgg ccgtcgtgct gacagtggcc ttcatcacct ttaaatgttg tgcttatggc taccggaaat gcttggggaa
2001  aaaagggcga gttaagaaag cccacaaatc caagacccat taaggcgcgc cagtatactc tagagtcgac acccggggaa ttcctcgagc gctcgtctct
2101  agcttggcgt aatcatggtc atagctgttt cctgtgtgaa attgttatcc gctcacaatt ccacacaaca tacgagccgg aagcataaag tgtaaagcct
2201  ggggtgccta atgagtgagc taactcacat taattgcgtt gcgctcactg cccgctttcc agtcgggaaa cctgtcgtgc cagctgcatt aatgaatcgg
2301  ccaacgcgcg gggagaggcg gtttgcgtat tgggcgctct tccgcttcct cgctcactga ctcgctgcgc tcggtcgttc ggctgcggcg agcggtatca
2401  gctcactcaa aggcggtaat acggttatcc acagaatcag gggataacgc aggaaagaac atgtgagcaa aaggccagca aaaggccagg aaccgtaaaa
2501  aggccgcgtt gctggcgttt ttccataggc tccgcccccc tgacgagcat cacaaaaatc gacgctcaag tcagaggtgg cgaaacccga caggactata
2601  aagataccag gcgtttcccc ctggaagctc cctcgtgcgc tctcctgttc cgaccctgcc gcttaccgga tacctgtccg cctttctccc ttcgggaagc
2701  gtggcgcttt ctcaatgctc acgctgtagg tatctcagtt cggtgtaggt cgttcgctcc aagctgggct gtgtgcacga acccccgtt cagcccgacc
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3001  ttcggaaaaa gagttggtag ctcttgatcc ggcaaacaaa ccaccgctgg tagcggtggt ttttttgttt gcaagcagca gattacgcgc agaaaaaaag
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3501  tttatccgcc tccatccagt ctattaattg ttgccgggaa gctagagtaa gtagttcgcc agttaatagt ttgcgcaacg ttgttgccat tgctacaggc
3601  atcgtggtgt cacgctcgtc gtttggtatg gcttcattca gctccggttc ccaacgatca aggcgagtta catgatcccc catgttgtgc aaaaaagcgg
3701  ttagctcctt cggtcctccg atcgttgtca gaagtaagtt ggccgcagtg ttatcactca tggttatggc agcactgcat aattctctta ctgtcatgcc
3801  atccgtaaga tgcttttctg tgactggtga gtactcaacc aagtcattct gagaatagtg tatgcggcga ccgagttgct cttgcccggc gtcaatacgg
3901  gataataccg cgccacatag cagaacttta aaagtgctca tcattggaaa acgttcttcg gggcgaaaac tctcaaggat cttaccgctg ttgagatcca
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4101  aaagggaata agggcgacac ggaaatgttg aatactcata ctcttccttt ttcaatatta ttgaagcatt tatcagggtt attgtctcat gagcggatac
4201  atatttgaat gtatttagaa aaataaacaa ataggggttc cgcgcacatt tccccgaaaa gtgccacctg acgtctaaga aaccattatt atcatgacat
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> RDC1728 Translated Insert Sequence

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 101  qvrsiysllm gsyndifdlf fsncrslfkd kklveylkes sfdavfldpf dncglivaky fslpsvvfar gilchyleeg aqcpaplsyv prillgfsda
 201  mtfkervrnh imhleehllc hrffknalei aseilqtpvt eydlyshtsi wllrtdfvld ypkpvmpnmi figginchqg kplpmefeay inasgehgiv
 301  vfslgsmvse ipekkamaia dalgkipqtv lwrytgtrps nlanntilvk wlpqndllgh pmtrafitha gshgvyesic ngvpmvmmpl fgdqmdnakr
 401  metkgagvtl nvlemtsedl enalkavind ksykenimrl sslhkdrpve pldlavfwve fvmrhkgaph lrpaahdltw yqyhsldvig fllavvltva
 501  fitfkccayg yrkclgkkgr vkkahkskth
```