

Product datasheet for RN201824

Uggt1 (NM_133596) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uggt1 (NM_133596) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uggt1
Synonyms:	rUGT1; Ugcgl1; Uggt; UGT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201824 representing NM_133596 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGACTCCTGATTGCACTGGCCTTACTGTGCCTGTTTTCTTAGCAGAAGCCAATTCAAAAGCCATTA
CCACCTCTCCACCACTAAGTGGTTTTCTGCTCCACTGCTGCTAGAAGCCAGTGAGTTCAGCAGAAGA
CAGTCAAGAGAAATTTGGAGTTTTGTAGAAGCCAGTCAAACATTGGATCATCAGATCAACATGATACC
GACCGTTCCTATTATGATGCCATATTGGAAGTGCCTTCGGTTCCTGTCACCTCTGCAGCAGAATTTGT
TGAAGTTTTGCTCTCTCCGTTCTACTCAGCCTCAATCAAGCCTTCCAGCAGATAGCAGTCGACGA
GCCTCCACCAGAAGGATGCAAGTCAATTCCTCAGTGCATGAAAAGCAGACTTGTGATCTGGCACTCTT
GAGAGCCTTCTGCTGACTGCACCTGACAGACCTAAACCTTTATTGTTCAAAGGAGATCACAGATATCCCT
CATCAAATCCTGAAAGTCCAGTGGTCAATTTTTATTCTGAGATTGGCCATGAAGAATTTCTAATATTCA
CCACCACTTATATCAAAAAGCAATGAAGGAAAAATTAATTATGTGTTCCAGACATTATATCTAATCCC
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GCCGATATAACTCATGGCCTTCAAGTTTACAAGAGTACTTCGCCCCACGTTTCTGGCGTTATACGGCA
GATCAGAAAGAACCTACATAACATGGTTTTCATGTTGATCCTGTTTCATGAGACCACGGCAGAGCTGGT



AGCATAGCCGAGATGTTCTCAGCAATCATATACCACTAAGGATTGGTTTTATCTTTGTGGTCAATGATT
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 AACACACCCGAGAGTTGGATGGTGAATCTGTGCAACACCCATGATCTTGATAATATTTACCTAGAAG
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 ATGGCTAATGAAGACTTGTGAGCGACGGGACGAATGAGAAATGAGTCTGGATTCTGGGACTATTCAAGT
 GGGGCTTCTCAGGACAGAAGACTGAGGAAGTAAAGCAAGATAAGGACGACATAATCAATATTTTCTCTGT
 TGCATCTGGTCTCTCTACGAAAGGTTTCTTCGCATCATGATGCTATCAGTCTGAAGAATACAAAACCT
 CCTGTGAAATTTCTGGTTCTTGAAGAATTTTGTCCCCACATTTAAGGAGTTTATACCTTACATGGCCA
 AAAAATACAATTTCCAGTATGAGCTTGTTCAGTACAAAATGGCCACGGTGGCTTACCAGCAGACCCGAGAA
 GCAGCGAATTATCTGGGGCTACAAGATCCTTCTCCTGGATGTGCTTTTCCCGTTGGTTGTTGACAAATTC
 CTCTTTGGATGCTGATCAGATTGTGCGGACAGATCTGAAGGAGTTAAGAGATTTCAATTTGGATGGTG
 CACCTTACGTTACACGCCCTTCTGCGACAGCAGGAGAGAGATGGATGGCTACCGCTTCTGGAAGTCAGG
 CTACTGGGCCAGTCATTTGGCTGGACGAAAGATCACATCAGTGCCTGTATGTCGTGGATCTGAAGAAG
 TTTAGGAAAATAGCTGCTGGTGACAGACTCAGAGGACAGTACCAAGGCTGAGTCAAGATCCAACAGTC
 TTTCAAATCTTGATCAAGATTTGCCAATAACATGATCCATCAGGTGCCAATCAAATCGCTCCCTCAGGA
 GTGGCTTTGGTGTGAGACGTGGTGTGATGATGCCTCTAAGAAGCGGGCCAAGACCATCGACCTGTGTAAT
 AATCCCATGACTAAGGAGCCAACTGGAGGCTGCTGTGCGGATCGTCCCTGAGTGGCAAGACTACGACC
 AGGAGATCAAGCAGTTGCAGACCCTCTTCCAAGAGGAGAAAGGTTGGGGACCCTGCATGAAGAGGAGAC
 ACAGGAAGGATCTCAGAAGCATGAAGAATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_133596

Insert Size:	4584 bp
OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_133596.1</u> , <u>NP_598280.1</u>
RefSeq Size:	5053 bp
RefSeq ORF:	4584 bp
Locus ID:	171129
UniProt ID:	<u>Q9JLA3</u>
Cytogenetics:	9q21
Gene Summary:	enzyme that catalyzes the addition of a glucose residue from UDP-glucose to an N-linked Man(9)GlcNAc(2)oligosaccharide [RGD, Feb 2006]