

Product datasheet for **RN216863**

Ugt2b10 (NM_001191676) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt2b10 (NM_001191676) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt2b10
Synonyms:	Ugt2b34
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216863 representing NM_001191676
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGTGAAAAGGACAGCATCCCTGCTCCTGCTCCTGCTCCAGCTGAGTGACTCTTTGGATCTGGAA
 CTGGTGGGAAGGTGCTAGTGTGGCCAATGGAGTTCAGCCATTGGCTCAACTTAAGGGTGATCCTAGATGA
 ACTTCTGAAGAAGGGTCATGAAGTGACGGTTCTGAGACCTTCGGCGTCCCTTATCTTATGAGGTTGACAAC
 ACATCTGCTATTGAATTCGAGACTTATCTACATCATACTCATTAAGTGGTAGACGAATTTTTCTGGG
 AATCACTCAGAAAATATATTTATGAGCTGCCAAAGCAGTCATTTTGGGGATACTTTTAAATGTTTCAAGA
 ATTGGTTTGGGTAGATTAGATTATTTTGGAGTCTCTGTAAAGATGTAGTCTTTAAACAAAGAACTCATG
 ACGAAGCTACAAAACCTGGCTTTGATGTCATCCTGGCAGATCCCTTCATACCCTGTGGTGACCTGCTGG
 CCGAGATTCTCAAGATACCCTTAGTGTACAGTCTCCGCTTCTTTCTGGCTCCACTTATGAAAAGTACAG
 TGGAGGACTCCCAATGCCTCCTTCTATGTGCCATTGCTATGTCAGAATTAAGCGACAGAATGACATTC
 GTGGAGAGGATGAAACACATGATCTATGTACTTTGTTTTGACTTTTGGTTCCAAGCATTTAATGAGAAGA
 AGTGGAACGAGCTTTACACTGAAGTATTAGGAAGACCCACTACACTCTCAGAGACTATGGCAAAGGCAGA
 CATATGGCTCATTAGGACCTACTGGGATTTGGAATTCCTCACCTGTCTTACCAAATTTTGATTTTGT
 GGTGGACTCCACTGCAGACCTGCCAAACCCCTGCCTAAGGAAATAGAAGACTTCGTCCAGTCATCTGGAG
 AACATGGTGTGTGGTGTTCCTGGGGTCGATGGTGGGAAACCTAACAGAAGAAGGGCCAATGTGAT
 TGCAGCAGGCCTTGCCAGATCCACAGAAGGTTCTTTGGAGATTTGAAGGCAAGAAGCCAGAAACCTTG
 GGCTCCAACTCGTCTGTACAAATGGATCCCCCAGAATGACCTTCTAGGTTCATCCAAAACCCAGAGCTT
 TTATAACTCATGGTGGCACCAATGGCATCTATGAGGCAATCTACCACGGGATTCCTGTGGTTGGCATTCC
 TTTGTTTGGAGATCAATATGACAATATTGTTCACTTGAAGACAAAAGGAGCAGCAGTTAGACTGGACTTT
 CTCACCATGTCCAGTACAGACTTGTTCACTGCACTGAAGACAATCACTAATGACCCCTTCTATAAGGAGA
 ATGCCATGAGATTATCAAGAATCCACCAGATCAGCCAGTGAACCTCTGGATAGAGCCGTCTTCTGGAT
 TGAGTTTGTATGCGTCACAAAGGAGCCAAGCACCTTCGTGTGGCAGCGCATGACCTCAGCTGGTCCAA
 TACCCTCTCTGGATGTCATTGGGTTCTGCTGGCCTGTGTGGTACTGTGATGTTTCATCCTCAAAAAGT
 GTTGCCTCTTTGTTGTCAGAAGTTTACAAAAGCTGGAAGAAAGAAGAAAAGGGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191676
- Insert Size:** 1599 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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: [NM_001191676.1](#), [NP_001178605.1](#)

RefSeq Size: 1599 bp

RefSeq ORF: 1599 bp

Locus ID: 305264

Cytogenetics: 14p21