

Product datasheet for **RN208303**

Ugt8 (NM_019276) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ugt8 (NM_019276) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ugt8
Synonyms:	Ugt8a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN208303 representing NM_019276
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGTCTTATACTCCATATTTTCATGCTCCTGTGGAGTCTGTTGGAATAGCAAGGGCTGCTAAAATCA
 TCATTGTGCCCAATTATGTTTGAAAGCCATTTGTACATTTTCAAGACACTAGCATCAGCCTTGCACGA
 GAGAGGCCATCACACTGTGTTCCCTCTCAGAAGGCAGAGACATTGACCCATCTAATCACTACAGCCTC
 CAGCGATACCCAGGGATCTTCAACAGTACCACCTCAGATGCTTTTCTGCAGTCTAAAATGCGGAATATTT
 TCTCTGGAAGATTGACAGCAGTTGAACTGGTTGACATACTGGATCACTATACTAAGAATTGTGACATGAT
 GGTTGGCAACCAAGCCCTAATCCAGGGTTTGAAGAAAGAAAAGTTTGACCTGCTACTGGTTGACCCCAAT
 GATATGTGTGGATTTGTGATCGCTCATCTTTAGGCGTTAAGTATGCTGTGTTTTCTACTGGCCTTTGGT
 ATCCTGCTGAAGTTGGAGCGCTGCTCCTTTAGCTTATGTCCAGAGTTAACTCACTCCTCACAGACCG
 CATGAACTTCTGAAAGGATGAAAAACAGGCGTTTACCTCATATCCAGAATGGGGTTAGCTTTCTG
 GTTCTTCCGAAATATGAAAGGATAATGCAGAAGTACAACCTGCTCCCTGCAAAGTCCATGTATGATTTGG
 TTCATGGGTCCAGCTTGTGGATGTTATGTACTGACGTAGCACTGGAGTTTCCAAGGCCACCCTGCCTAA
 CGTTGTATATGTTGGAGGAATCCTAACAAAGCCGGCCAGCCCACTGCCAGAAGATCTGCAGAGGTGGGTA
 GATGGTGCTCAGGAGCATGGCTTTGTCCTGGTATCTTTTGGAGCTGGTGTCAAGTATCTGTCAGAAGACA
 TTGCTAACAACTGGCAGGAGCTCTGGGAGATTGCCTCAGAAAGTATTTGGAGGTTTTCTGGAACCAA
 ACCAAAGAACCTAGGAAACAACACTAAGCTCATAGAATGGTTACCTCAAATGACCTGCTGGCCATTCA
 AACATCAGAGCCTTCTAAGCCATGGTGGTTTGAACAGTATATTTGAAACTATGTATCATGGTGTCCCTG
 TAGTAGGAATCCCACTCTTTGGAGACCATTATGATACTATGACTAGAGTACAGGGCAAAGGCATGGGGAT
 CTTGTTAGAATGGAATACAGTTACTGAAGGGAGCTGTATGATGCACTGGTGAAGTTATCAACAATCCC
 AGTTATCGGCAGAGGGCTCAGAAGTTATCGGAAATTCATAAGGATCAACCCGGCCACCCTGTCAATCGGA
 CTACCTATTGGATAGACTACATTCTTCGCCACGACGGAGCCCATCACCTCCGTTCCGGCTGTCCATCAGAT
 CTCCTTCTGTCAGTATTTTCTACTGGATATTGCCTTTGTGCTTCTGCTTGGTGTGTCGCGCTCTACTTC
 ATAGTGTCTATGTGACAAAATTTATCTATAGAAAAGTCAAAGTCTGTGTTCTAGGAGTACGCACAGCA
 CAGTTAATGGACTACCAAAATGGAATCCTCAATGGCAGATACAAGGAAATGGTCATATTAACATGA
 AAAAAAGGTAAAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_019276

Insert Size: 1626 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:

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_019276.3](#), [NP_062149.1](#)

RefSeq Size: 3481 bp

RefSeq ORF: 1626 bp

Locus ID: 50555

UniProt ID: [Q09426](#)

Cytogenetics: 2q42

Gene Summary: catalyzes the synthesis of galactocerebroside (GalC); important for the development and maintainance of the myelin membranes of the nervous system [RGD, Feb 2006]