

## Product datasheet for **RN204737**

### **B4galt1 (NM\_053287) Rat Untagged Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: B4galt1 (NM\_053287) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: B4galt1  
 Synonyms: Ggtb2  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN204737 representing NM\_053287  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGGTTTCGTGAGCCGTTCTGGGCGGCAGCGCCGATGCCGGGCGCGACCCTGCAGCGGGCCTGCC  
 GCCTGCTCGTGGCGTCTGCGCGCTGCACCTTGGCGTCACCTGGTCTATTACCTCTCCGGTCGCGATCT  
 GAGCCGCTGCCCAACTGGTTCGGAGTCTCCTTCACTGCAAGGCGGCACGAACGGCGCCGCCAGC  
 AAGCAGCCCTCGGAGAGCTCCGGCCCCGGGCGCGCGGCCGCCCTCCTTTAGGCGTCTCCCGAAGC  
 CTCGCCCGGGTTCTGACTCCAGCCCTGATGCGGCTTCTGGCCCCGGCCTGAAGAGCAACTTGACTTCGGT  
 GCCAATGCCACCAGCACTGGATTGTTGACTCTGCCTGCTTGGCCTGAGGAGTCCCGCTGCTCGTTGGC  
 CCCATGGTGATTGACTTTAATATTCCTGTGGATCTGGAGCTTTTGGCAAAGAAGAACCAGAGATAAAGA  
 TGGGCGGCCGTTACTTCCCAAGGACTGTATCTCCCTCACAAGGTGGCCATCATTATCCATTCCGTAA  
 CCGGCAGGAGCACCTCAAATACTGGCTGTATTATTTGCATCCAGTCTTCAGCGCCAGCAACTCGACTAT  
 GGCATCTACGTCAATCAGGCTGGAGACACCATGTTAATCGAGCTAAGCTGCTCAACGTTGGCTTTC  
 AAGAGGCCTTGAAGACTATGACTACAACCTGTTTGTGTTCAAGTGTGGACCTCATTCCAATGGATGA  
 CCATAATGCCTACAGGTGCTTTTACAGCCACGGCATATTTCTGTCGCAATGGACAAGTTTCGGGTTTAGC  
 CTGCCCTTACGTTCAAGTATTTTGGAGGTGCTCCGCTCTCAGTAAACAACAGTTTCTTACCATCAATGGAT  
 TTCTTAATAATTACTGGGCTGGGAGGAGAAGATGATGACATTTTAAACAGATTAGTTCATAAAGGCAT  
 GTCTATATCACGCCAAATGCTGTGGTAGGAGGTGTCGCATGATCCGGCACTCAAGAGACAAGAAAAAT  
 GAGCCCAACCCTCAGAGGTTTGACCGGATCGCACATAAAAGGAAACGATGCGCCTTGATGGTTTGAAC  
 CACTTACCTACCAGGTGTTGGACATACAGAGATACCCGTTATATACCAAATCACAGTGGACATCGGGAC  
 ACCAAGATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_053287
<b>Insert Size:</b>	1200 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_053287.1</a></u> , <u><a href="#">NP_445739.1</a></u>
<b>RefSeq Size:</b>	2298 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	24390
<b>Cytogenetics:</b>	5q22
<b>Gene Summary:</b>	plays a role in N-linked oligosaccharide biosynthesis [RGD, Feb 2006]