

## Product datasheet for MC212022

### B3gnt9 (NM\_178879) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	B3gnt9 (NM_178879) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	B3gnt9
Synonyms:	3-Gn-T9; B3gnt9-ps; beta-1; beta3Gn-T9; BGnT-9; C76565; C76566
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212022 representing NM_178879 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGGAGGAGGAGGAGGCCGCGCTTTGCCAGACGCGTGGCTTACGCTGCTGCTCAGCGCCGCCCTCG  
GACTCTGCTCTACGCGCAGCGGACGTGGCATCCCCACGACCAGACCAGCGCGAGGACCCAGCT  
CCCGCGGCCACTCCTAGCCTCCGAGCACGCGAGCTCCCTAACACCGCCCGCGGCCCGCTGGCTAC  
GAGGGGACACTCCGGTGCCGCCACACTACGGACCCCTTTGACTTCGGCGGGTATCTGCGGCCAAGG  
ACCAACGCGCTTCCCGCTGCTCATTAAACAGCGTCGAAATGCCGACGCGACGGCGCATCCGGCGTTC  
GCCGGACTGCTCATCGCTGTCAAGTCTGTGGCTGCGGACTTTGAGCGCGGGAAGCCGTTCCGCCAGACT  
TGGGGAGCCGAGGGTTCGCTGCAAGGGGCACTCGTGCAGGAGTGTCTTGTGGGCGTCCCAAGGGGG  
CGGGCTCTGGCGGGCAGGCACCCGTTCCGACTGGCGCACCCCTGCTGGAGGCGGAGAGCCGAGCTTATGC  
AGACATTCTGCTCTGGGCTTTCGAAGACACCTTTTCAATCTAACGCTGAAGGAGATTCACTTTCTATCT  
TGGCCTCAGCATTCTGTCCAGATGTACACTTTGTTTTAAGGGCGATGCAGATGTGTTGCTGCACGTGA  
GGAACCTGCTGCAGTTTCTGGAGCTCCGGGATCCCGCACAGGACCTTCTTGGGGTATGTGATTGTGCA  
GGCAAGGCAAATCCGAGCTAGAGCCAGCAAGTACTTATTCCCGGGCTGTGTATGGACTGCCGTTTAC  
CCTGCCACGCAGGTGGCGGGCTTTGTTCTTTCCGGGAGCCAGCTCCGCCCTAGCTGATGCTTTGCT  
CACAAGTTGAGCTTTTCCATAGACGATGCTTTCTAGGCATGTGTTTGCAGCGCTTGGGCTCACACC  
AGAGCCTCATCCAGCTTTCCGACCTTTGGCATCTCCAGCCTTCAGCTGCACCTCATCTTCAACCTTT  
GACCCCTGTTTACCGAGAAGTGGTGGTAGTACATGGGCTGTCTGCAGCTGACATCTGGCTTATGTGGC  
GCTTGTGCATGGGCCTCAGGGCCAGTCTGTGCACATCCGACGCTGTGGCAACAGGTCCCTTCCAATG  
GAATTCT**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-RsrII
<b>ACCN:</b>	NM_178879
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_178879.4</a></u> , <u><a href="#">NP_849210.1</a></u>
<b>RefSeq Size:</b>	2345 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	97440
<b>UniProt ID:</b>	<u><a href="#">Q8VI16</a></u>
<b>Cytogenetics:</b>	8 D3