

Product datasheet for **MC203019**

B3gnt8 (NM_146184) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B3gnt8 (NM_146184) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	B3gnt8
Synonyms:	B3galt7; B7galt7; BC025206
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC025206

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GCTTGAGGACGCACAGCTGCGAGGAGGGAGTCCGGGCAGGGCTTTACCCGAGGACCCCCAGAGCTGGCGG
AAGCTGGACCCAGAGCCCCACTGGTGGCCCTTTCCCTGGGCGGGTCATGCGTTGCCGCAAGTGCCAGCT
CTGCCTGTGACGACTGCTCACACTCCTGGGCCTCAAAGTATACATCGAGTGGACATCCGAGTCCTGGCTT
AAAAAGGCTGAACCCCGGGGCGCTCTGCCAGTCCACACCAACCAATGCTGAGCCCACTCTGCCACCA
ACCTCTCAGCACGCTGGGTGAGCTGGCCCACTGTCTCTGCTTACTGGAACAGCAGCAGCGGACGCT
GGGAGTCTGCCAGTACGACTGTGAGCTTGGGGGACTGTTGCTGCCTCGGAGATCTTGACTTCATC
CTGTACCCCCAGGAGCTTCGGCGCTTCTTGCTGTCGGCGGCTGTAGGAGCTTTCCACTATGGCTGCCTG
CAGGAGAAGGCAGCCCTGTGGCCAGCTGCTCTGATAAGGATGTACCCTACTTGCTACTGGCTGTCAAATC
AGAACCAGGACACTTTGCAGCACGGCAGGCTGTGAGGGAGACCTGGGGCAGCCAGTTGCTGGGACCCGG
TTGCTCTTCTGCTGGGGTCCCCCTAGGAATGGGGGGGCTGACTTAAGATCACTGGTGACGTGGGAAA
GCCGGCGCTATGGTGACCTACTGCTCTGGGACTTCCTGGATGTTCCCTACAACCGGACACTCAAGGACCT
GCTGCTGCTGACCTGGCTGAGCCACCACTGCCCGATGTCAATTTGTCTGCAGTTTCAGGATGATGCC
TTTGTGCACATCCCAGCCCTACTGGAGCACCTGCAGACTCTGCCACCCACCTGGGCCCCGACGCTTACC
TGGGTGAGATCTTACCCAGGCCAAACCGCTCCGCAAGCCCGGAGGACCTTCTATGTGCCGAAGACCTT
CTTTGAAGGGGACTATCCAGCCTATGCGAGTGGAGGTGGCTATGTAATCTCAGGACGCTGGCACCTGG
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CCCTGGGCTTAGCACCCCGTGCCCATCCAGGCTTCCTCACAGCCTGGCCAGCAGAACGTACCAGGGACCC
CTGCGCCGTGCGAGGCTGCTCTTGGTGCATCCAGTCAGCCCTCAGGACACCATTTGGCTCTGGAGACAT
CTGTGGGTCCCAGAGCTCCAGTGCTGACCGGCAGAGACAAGCTGGGGTGGGTGGGTGCTGACCTGGCCTG
AGTCTCTCCTAGAGACAAGCTGGGGTGGGTGGGCTGACCTGGCCTGAGTCTCTCTAAACTCTTCTTAG
CCAAGGTGGCAGACTGTGTTATCTACTTTATGTTTTGAAAAATGTGTCTTCTACTCCAAAAA AAAAAAAAAA
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Restriction Sites:	RsrII-NotI
ACCN:	NM_146184
Insert Size:	1170 bp



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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC025206 , AAH25206
RefSeq Size:	1481 bp
RefSeq ORF:	1170 bp
Locus ID:	232984
UniProt ID:	Q8R3I9
Cytogenetics:	7 A3
Gene Summary:	Beta-1,3-N-acetylglucosaminyltransferase that plays a role in the elongation of specific branch structures of multiantennary N-glycans. Has strong activity towards tetraantennary N-glycans and 2,6 triantennary glycans (By similarity).[UniProtKB/Swiss-Prot Function]