

Product datasheet for **MC200712**

B4galt3 (NM_020579) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B4galt3 (NM_020579) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	B4galt3
Synonyms:	9530061M23Rik; AA104562; AW125175; ESTM6; ESTM26; R74981
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013619 sequence for NM_020579
 GATGGCTGCAGCGATACCTGCCCGTTGTCCGGTGGCGGTGACGACGGGGAGCAGACCAGGTGACTGGT
 TATCCTTGCTCATTCTGGTTCCCGCTGGTCCCAGATTGGCTGTTGGAATGCTTTTTTCTGGCCCTGTG
 ACAGTTCCAATTTGAGATAATGCCTCATATCTCTGCTCCCCGGGGACCTCCTGGAGCCCCACGATCCGG
 AAAAAGGCAGCGTGAACACAGAAATCCCTTCACTCCTTACCTAGCTCTCAAGTCAGGATGTTGCGGAGGC
 TGCTGGAGAGACCCTGTACATTGGCCCTGCTTGTGGCTCCCAACTGGCAGTGATGATGTATCTGTCACT
 AGGGGGCTCCGAAGTCTTAGTGCCCTGTTGGTTCGAGATCCGGGCCAACATTGACTATTCTCATCCC
 CACGATGTCTATAGTAACCTCAGTCACCTGCCCGCAGCCCTGGAGCTGCAGGGGCTCCTCCGGCTCAAG
 CATTGCCCTACTGTCCAGAAAGATCACCTTCTTAGTGGGTCTGTGTCAGTATCCTTTAGCCCGGTGCC
 GTCAGTACGAGAGATTGTGGAGCGGAATCCCCGGGTGGAATCAGGGGGCCGGTACCGTCTCGAGGGTGT
 GAGCCTCGCTCCCGAACAGCCATAATTGTGCCCATCGTCCCGGGAGCACCACCTTCGGCTGCTGCTCT
 ATCACCTGCACCCTTTCCTGCAGCGCCAGCAGCTTGCCTACGGCATTATGTATCCACCAGGCTGGAAA
 TGGAACTTTAACAGGGCAAAGTGTGAACGTAGGGGTGAGGGAAGCCCTTCGTGATGAAGAATGGGAC
 TGCTTGTCTTACAGCAGTGGACCTCCTCCAGAAAACGACCATAACCTGTATGTGCGACCCCCGGG
 GACCCCGCCAGTTGCTGTTGCCATGAACAAGTTGGATACAGCCTCCCGTACCCCACTACTTTGGCGG
 AGTTTCAGCGCTCACTCCCGACAGTACCTGAAGATGAACGGCTCCCAACGAGTACTGGGGCTGGGGT
 GCGAGGATGACGACATTGCTACCAGGGTCCGCTGGCTGGGATGAAGATCTCTCGACCCTACCTCTG
 TGGGACACTATAAGATGGTGAAGCACAGAGGGGATAAAGGAAATGAGGAAAATCCCACAGATTTGACCT
 CCTGGTCCGTACCCAGAAATCTTGGACACAAGATGGAATGAACTCACTAACGTACCGACTGCTGGCAAGA
 GAGCTGGGTCTCTCTATACCAACATCACTGCAGACATCGGGACTGACCTCGGGGTCCCCGGTCTCCCT
 CTGGTCCCCGATACCCACCAGTTTCTCCAGGCCCTCCGTCAAGAGATGCTGCAACGCCGGCCCCCAGC
 TAGGCCTGGCCCTCTGCCACTGCCAACACACAGCTCCCGTGGCTCACACTGATTCTGCCCCACTGT
 AATCATGAGACTGAATTGGAGGGTGTGTCCCTCACACCTCTGCTCCTCACTGCTCAGAGGGATGTG
 AGGGAATTAACCCTAGTGTGTGTAGGGGGCAGGGACCTTTCTCACTGCTAGATTGGAGCTGGGCTCC
 TCTAGACCTGGAGTTCCTCTTTCTAGGGGTACCTGACAGGGCTTATGACTGTGAATCTTTGATGTCAT
 TTTATGTGACGAATCCTGGGAGTCTCTGCCCTGGGGTAGGAGCAGGGCTGGACCCCAAGTCCCTTCT
 CGTCCATGGACATTACTCTTTTCAAGAGTGACCTGGCTTCTCCTGGGACCTCTGTGAATATTTATTCTA
 TTTATGGTTCTAAGAAGCTGTCTGGTGGAGGAAACCCCTAGCCGGGCATTTCTGCGAGTGTGGAATG
 GCTGGGGCTGGGATTTTGATATCTTTTCTAATAAAGGACTTTGTCTCAAAAAAAAAAAAAAAAAAAAAAA AA

Restriction Sites: RsrII-NotI

ACCN: NM_020579

Insert Size: 1188 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: [BC013619](#), [AAH13619](#)

RefSeq Size: 1962 bp

RefSeq ORF: 1188 bp

Locus ID: 57370

UniProt ID: [Q91YY2](#)

Cytogenetics: 1 79.29 cM

Gene Summary: Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.[UniProtKB/Swiss-Prot Function]