

Product datasheet for **MC203016**

Galnt18 (NM_173739) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt18 (NM_173739) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Galnt18
Synonyms:	2900011G21Rik; BC024988; Galntl4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024988
 GTTCTCCTGAGCGGCGAGCGGAGGGCTGGTGGCATCTCCCAGGCAGCCAGCACTGGAGATGGAAAGCAAC
 GCGGCTGGGCCCTGGCAGTGACAAAGTTTCCCAGCCCTGCAGGTCTCGTCTCGCCACTGCCGGCCACCCG
 TGACCCGCTAGGGAAAAGCTCGGGGATTTTGAATTTGCGGGGAAAAGCCAAAACAAAATCTAGACCC
 ACCTCGTTTTCTTTGTGGAGCTCTTCTCAGGGTGGCCAGCGCCGGAGCTGCAAAGTTGTGCGCCGAG
 CTCACACTGCCAGGAGACCCGCCTTTGGAGAGACTTAGGTGCTGGCGCACCCAGAGACCCAGACGTGCC
 AAGGGGTTGAGCGCGGGGAGTTTGGGTGTACAGCGAGGAGGGGCCCGGGTGCTCTATATGGAGGAA
 GGACCCAGAATGGTGTGTACCAGGAAGACAAAACCTTTGGTGTCCACTTGCCTGATCCTAAGCGGCATG
 ACCAACATCATATGCCTGCTGTACGTGGCTGGGTCAACAACTACATCGCCAGCGTGTATGTGCGGGGGC
 AGGAGCCAGTGCCCGACAAGAAGCTGGAGGAAGATAAAGGGGACACCCTGAAAATTATCGAGCGGTGGA
 CCATTGGAGAATGTCATCAAACAGCATATCCAAGAGGCTCCTGCCAAGCCTGAGGAGGCAGAGGCCGAG
 CCCTTACGGACTCCTCCTGTTTGCACACTGGGGCAGGAGCTCAGCCCGAAGGCCGGCTGTGGCC
 TGAAGCAGTTCAGTACTACGGTACAACGCCTACCTCAGTGACCGGCTACCCCTCGACCGCCCTGCC
 AGACCTCAGACCCAGTGGTGGCCAACTCTCGTTCCCGACAGCCTACCTGAGGTGAGCATCGTGTT
 ATCTTCGTC AACGAGGCGCTCTCAGTGCTCCTGCGTTCCATCCACTCGGCCATGGAACGCACGCCATCAC
 ACCTGCTCAAGGAGATCATCCTGGTGGACGACAACAGCAGCAACGAGGAGCTCAAAGAAAAGCTGACTGA
 ATATGTGGACAAGGTGAACGGCCAGAAGCCAGGCTTCATCAAAGTTGTGCGGCACAGCAAGCAGGAAGGC
 CTCATCCGCTCCAGAGTCAGCGGCTGGAGGGCAGCCACAGCCCTGTGGTGGCACTGTTTCGATGCCACG
 TGGAGTCAATGTGGGCTGGGCGGAACCAAGTCTCACCCGCATCAAGGAAAACCGGAAACGGATCATTTT
 ACCATCTTTTGATAACATCAAATATGACAACTTTGAGATAGAAGAGTACCCGCTAGCCGCCAAGGCTTT
 GACTGGGAGCTGTGGTCCGCTACCTAAACCCACCAAGGCTGGTGGAAAGCTAGAGAATCCACAGCCC
 CAATCAGGAGCCCTGCCCTCATTGGCTGTTTATTGTGGACCGGCACTTTCGAGGAGATTGGCCTGCT
 GGACGAAGGCATGGAGGCTATGGAGGGGAGAATGTGGAGCTTGGGATCAGGGTGTGAGATTCTCAC
 ACAGGGCTGAGCTCAGCTCCCATGATGGTATGGCAGTGTGGCGGAGTGTGGAGTCTGCCCTGCTCTC
 GGATTGCCACATCGAGCGAGCTCACAAGCCCTACACAGAGGACCTCACTGCCACGTCGCCAGAAATGC
 CCTCAGGGTAGCTGAAGTCTGGATGGATGAATTTAAAAGTCATGTCTACATGGCATGGAACATACCACAA
 GAGGACTCAGGGATTGACATCGGGGACATACCCGACGCAAGGCTCTGAGGAAGCAGTGCAGTGAAGA
 CCTTCAGGTGGTACCTGGTCAAGTGTGTACCCAGAGATGAGGATGTACTCTGACATTATCGCCTATGGAGT
 GCTGCAGAATCCCTGAAGACTGATTTGTGCTTGATCAGGGCCAGATACAGAGAATGTCCCATCGTG
 TACATATGCCATGGGATGACACCCAGAATGTGTACTACACAAGCAGCCAGCAGATCCACGTGGGTATCC
 TGAGCCCACTGTGGATGACGATGACAACCGGTGTCTGGTGGACGTCAACAGCCGCCACGTCTCATCGA
 GTGCAGTTACGCCAAGGCCAAGAGGATGAAGCTGCACTGGCAGTCTCCAGGGAGGCTCCATCCAGAAC
 CGCAAGTCCAAGCGCTGCCTGGAGCTGCAAGAGAACAGTACATGGAGTTTGGTTTCCAGCTGGTGTCTC
 AGAAGTGTCTGGGACAACACTGGACTATACCAATGTCCTGAGGAGCCTGGTGTCTGACCTCCACAGG
 CGCCACCGGCCACCGCTTTGCTACTGTGTAGCATCAGTGCATGCGCCCTGCTGTACGTGGGGCTGCC
 CGGAGTCTGAGAGGGAGACCAAGTGGGTGGCCTCCCCCACAAAAGAGCTTTGTATTTCTATTCAATT
 TTCATGGAGTTTATAGAGAGACGCAGAGAGGTGGGGGAGGGAACAACATCCTGAACATTTTACAACGT
 AAATAGGGGACAAATGGAAAATATTTATAACTGGCAATAAAATATTATTGATTAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_173739
- Insert Size:** 1869 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: [BC024988](#), [AAH24988](#)

RefSeq Size: 2595 bp

RefSeq ORF: 1869 bp

Locus ID: 233733

UniProt ID: [Q8K1B9](#)

Cytogenetics: 7 E3- F1

Gene Summary: Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor. [UniProtKB/Swiss-Prot Function]