

Product datasheet for **RN202357**

Galnt11 (NM_199393) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt11 (NM_199393) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202357 representing NM_199393
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGCAGTGTACAAATTCGATATTTCTGCTACGGGTGCCTTTACATCTGCTACCTGGACAGTTC
 TGCTTTTCATTTATTTAACTTCAGTGAAGTACTCAGCCCTTAGGAATGTGCCATCAAGGGTCTGG
 GCCCATGGGCCGTTTCCAAAAAATTCTACCCAGTTTCACTCGAGGTCAGGCCGAGTATTAGAGCCA
 CAGTTCAAAGCAAACAGAATGGACGATTTGATGAATAATAACATTGAAGATCCAGATAAAGGCCTCTCAA
 AATCTTCTCTGAGCTAGGTATGATTTTCAATGAACGTGATCAGGAATTGAGAGACCTGGCTACCAGAA
 ACACGCCTTAAATATGCTCATTAGTAACCGCTTGGGTACCACAGAGACGTGCCAGACACCAGGAATGCA
 GAGTGTAGGGGAAGTCTACCCAAGTACCTGCCAAGTCTAGCGTTGTTATCTGTTTCTACAACGAAG
 CTTTTTCTGCCTGTTGGGACTGTGCACAGTGTGTGGACCGCACGCCGGCACACCTTCTCCATGAGAT
 CATCCTCGTGGATGACAGCAGTACTTTGATGATTTAAAAGGAGAACTAGATGAGTACATCCAAAGATAC
 CTGCCCGCAAAGGTCAAGGTCATAAGAAATATGAAGCGAGAGGGACTGATCCGAGGAAGAATGATTGGAG
 CAGCCACGCTACAGGAGAAGTCTGGTCTTCTGGACAGCCACTGCGAAGTGAATGTGATGTGGTTACA
 GCCCTTCTGGCCATCATCCTTGAAGACCCACATACAGTGGTGTGCCCTGTGATTGACATCATCAGTGT
 GACACACTCGCTTACAGTTCATCCCAAGTGGTTCGGGAGGTTTCAACTGGGGGCTGCACCTCAAGTGGG
 ATCTAGTTCCTGTATCTGACCTGGGAGGCGCAGACAGTCCACAGCCCAATACGGTCACCTACAATGGC
 CGGAGGACTGTTGCCATGAACAGACAGTATTTCAATGATCTTGGACAGTATGACAGTGGCATGGATATC
 TGGGAGGAGAAAAATCTGAAATCTCATTTCGGATCTGGATGTGGCGGCAAGCTTTCATCATCCCTT
 GCTCAAGAGTCGGGCACATTTTTCGGAAAAGGCGACCGTATGGATCTCCTGAAGGCCAGGACCCATGAC
 ACACAACCTCGCTGAGACTGGCACATGTGTGGCTGGATGAGTACAAGGAGCAGTATTTTTCTTAAGACCT
 GATTTGAAGACCAAAAAGCTTTGGGAATATCAGCGAGCGTGTGAATTGAGGAAGAACTGGGCTGTCAGT
 CGTTCAAGTGGTATTTGGATAATGTTTACCCTGAGATGCAGGTGTCTGGTCCGAAGGCCAGACTGCAGCA
 GCCCGTGTTCATCAACAGAGGACCGAAGCGCCCCAGAGTCTGCTGCGTGAAGGCTCTACCACTTGCA
 ACCAACAAATGCCTGGTGGCCAGGGCCGCTCCAGCCAGAAAGGAGGCTGGTGTGCTTAAAGCCCTGTG
 ACTACGGAGACCAACTCAGGTCTGGATTTACAACGAAGAGCATGAATTGATCTTAAACAACCTCCTTTG
 CCTCGACATGTCAGAAACCCGCTCGTCAGACCCTCCTCGACTCATGAAGTCCACGGGTGAGGAGGTCG
 CAGCAGTGGACCTTTGGGAAGAACAATCGGCTGTACCAAGTGTGCGTTGGGCAGTGCCTGAGAGTTGTGG
 ACCAGATGGATCAGAAGGCTACGTCGGCATGGCGATCTGTGATGGCTCCTTCCCAACAGTGGCGCT
 AGAAGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_199393
- Insert Size:** 1830 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: [NM_199393.2](#), [NP_955425.2](#)

RefSeq Size: 2584 bp

RefSeq ORF: 1830 bp

Locus ID: 311952

UniProt ID: [Q6P6V1](#)

Cytogenetics: 4q11

Gene Summary: mouse homolog is a member of the UDP-GalNAc:polypeptide N acetylgalactosaminyltransferase (ppGaNTase) family, which transfers GalNAc to serine and threonine sites and plays a role in mucin-type O-glycosylation [RGD, Feb 2006]
Transcript Variant: This variant (2) lacks an exon in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.