

Product datasheet for **RN211768**

Galnt7 (NM_022926) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt7 (NM_022926) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211768 representing NM_022926
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGCTGAAGATCGGGTTCATCTTACGCAGTTTGTGGTGGTGGGAAGCTTCTGGGGCTCGTGGTCC
 TCTGGTCTTCCCTGTCTCGCGACCCGACGCCGAGCCACTGAGCAGGATGAGGGAAGACAGAGATGT
 CAATAACCCCTTGCCTAACCGAGGAGGCAATGGACTAGCTCTGGGGATGACAGATTCAAACCTGTGGTA
 CCCTGGCCTCATGTTGAAGGAGTAGAAGTGGACTTAGAGTCTATTAGAAGAAAAACAAAGCCAAAAATG
 AACAGGAGCGCCATGCTGGAGGAGATCCAGAAAAGACATAATGCAGAGACAGTATCTTACCTTTAAGCC
 GCAGACATTACCTACCGTATCTGTGCTACGCCAGGGGTCTTGGGAACTTTGAACCCAAAGAACC
 GAGCCTCACGGAGTGGTGGTGGCCCTGGAGAGAACGCCAAGCCCTTGGTCTGGGACCAGAATACAAAC
 AAGCAGCTCAAGCCAGCATCAAGGAGTTTGGATTTAACATGGCGCAAGTACATGATCTACTGGACCG
 CAGCGTCAATGACTTACGCCAAGAAGAATGCAAGTATTGGCACTATGATGAAAACCTGCTTACTTCAAGC
 GTCGTCATCGTCTCCATAATGAAGGATGGTCAACCCTCATGAGGACGGTCCACAGTGTGATCAAAGGA
 CACCCAGGAAGTATTTAGCAGAAATTTGTGTTAATCGATGACTTACGCAATAAAGAACACTTAAAAGAAAA
 GCTGACCGAGTACATAAAGCTGTGGAATGGCCTTGTGAAGGTGTTCCGAAATGAGAGGAGAGAAGGCTTG
 ATCCAGGCTCGGAGCATCGGCGCTCAGAAGGCTAAGCTGGGACAGGTTTTGATATACCTTGTGCCACT
 GTGAGGTGGCAGTTAACTGGTATGCACCGCTCGTAGCTCCCATATCTAAGGACAGAACATTTGCACTGT
 GCCGATTATAGATGTCAAAACGGCAACTTATGAAATTATACCCCAAGGGGTGGTGTGAAGATGGG
 TATGCCCGAGGAGCATGGGATTGGAGTATGCTCTGGAAACGGGTCCCTGACCCCTCGAGAGAAGAGAC
 TGAGAAAGACAAAACTGAGCCCTATCGGTCTCCCGCTATGGCTGGTGGATTATTTGCCATTGAGAGGGA
 CTCTCTTTCGAACTGGGTCTCTATGATCCTGGTCTCCAGATTTGGGGTGGTAAAACTTTGAAATCTCC
 TACAAGATCTGGCAGTGCAGTGGCAAAATTTGTTGTTGTGCCTTGTCTCGTGTGGGCACATCTACCGTC
 TAGAGGGTTGGCAAGGAAATCCTCCACCCTTTACGTTGGCTCTTCTCCGACTCTAAGAATTATGTGCG
 TGTTGTGGAAAGTCTGGTGGGACGAATAAAGACTACTTCTATGCTAGCCGCTCTGAGTCCAAGGCGCTA
 CCTTATGGGGATATCTCTGAGCTGAAGAAATTTGAGAAGATCACAAGTCAAAAAGTTTCAAGTGGTTTA
 TGGAGGAAATCGCTTACGACATCACTGCCACTACCCTTTGCCACCCAGAAATGTTGAGTGGGGGAAAT
 CCGAGGCCTCGAGACTGCATACTGCATTGATAGCATGGGAAAGACGAACGGAGGCTTTGTGGAGCTAGGA
 CCCTGCCACAGGATGGGCGGGAACAGCTTTTCCGAATCAACGAAGCAAATCAGCTCATGCAGTACGACC
 AGTGTGTTGACCAAGGGACCCGACGGATCCAAGTCAATGATTACTACTGTAACTAAATGAATTTAAGGA
 GTGGCAGTACTTCAAGAACCTGCACAGGTTTACGCACATCGCCTCAGGAAAGTGCTTAGATCGCTCCGAG
 GTCCTCCATCAAGTGTTCATCTCCAGCTGTGACAACGGTAAAAAGTACTCAGAAGTGGGAGATGAATAACA
 TCCACAGTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_022926
- Insert Size:** 1974 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_022926.1](#), [NP_075215.1](#)

RefSeq Size: 2201 bp

RefSeq ORF: 1974 bp

Locus ID: 29750

UniProt ID: [Q9R0C5](#)

Cytogenetics: 16p11

Gene Summary: displays glycopeptide N-acetylgalactosaminyltransferase activity [RGD, Feb 2006]