

Product datasheet for **RN200107**

Galnt9 (NM_001122644) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt9 (NM_001122644) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200107 representing NM_001122644
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGTGGCCAGGAAGATCAAACTTTGCTGACGGTCAACATCCTGGTGTTCGTGGGCATCATTCTCT
 TCTCGGTGTACTGCCCTGCAGGACCGTTCTGAGGCGCTGGTGCAGGTGTCGAGGCGCTGATCGCCG
 GATGCGCAATCGGCTCTCCAAGGCGAGTCTGACTGACCGTGAGGCCATCCTACAGCGCTGGACCAT
 TTGGAGGAGTTGTCTACAACCAGCTGAATGGCCTTGCAAAGCCATTGGGCTGGTGGAGGGGCCAGGTG
 GCCTGGGCCAGGGAGGAGTGGCTGCCACTCTGCAAGATGACAGCCAAGAGACCGAGGGCAAGTTCGAGGA
 CTTTGGGTACAATGCACAGCTCAGTGACCGCATCTCCCTGGATAGGACCATCCCTGACTACAGGCCCAAG
 AGGTGCCGACAGATAACGTATTCTGAAGACCTGCCCCAGATCTCTGTGGTCTTCACTTTGTCAACGAGG
 CACTTTCAGTCATCCTGCGTTCTGTACACAGTGTGGTCAACCACACACCGTCCCAGCTCCTGAAGGAAAT
 CATCCTGGTGGATGACAATAGCGACAATGTGAACTCAAGTTCAATCTGGACCAGTATGTTCAAAAAGG
 TACCCAGGCCCTCGTGAAGTTGTGCGTAACAGCCGTGGGAAGGCCTGATCCGTGCCCGGCTGCAGGGGT
 GGAAGGTGGCCACGGCTCCCATCGTTGGCTTCTTTGATGCCACGTGGAGTTCAAACTGGCTGGGCTGA
 GCCCGCCCTTGCACGGATCCAGGAGGACCGCCGACGCATCATCCTGCCAGCCATCGACAACATCAAGTAC
 AGCACATTTGAGGTGCAGCAGTACGCCAGCGCTGCCACGGCTACAACGGGGCTGTGGTGCATGTACA
 TCATCCCTCCGACGACTGGCTGGACCGAGGTGACGAGTACAGCCCATCAGGACACCCGCCATGATTGG
 CTGTTCAATTTGTGGTGGACCGGGAGTACTTCGGGGACATTGGCCCTCTGGACCCAGGCATGGAGGTGAT
 GGTGCAGAGAACATCGAAGTGGGATGCGGGTGTGGCAGTGTGGTGGCAGCATGGAGGTACTCCCCTGCT
 CCCGTGTGGGCCACATTGAGCGTACAAAAAGCCATATAACAATGACATCGACTACTACGCAAGCGTAA
 CCGCTGAGGGCCGCGAGGTGTGGATGGATGATTTTAAGTCCCACGTCTACATGGCATGGAATATCCCC
 ATGACAAAACCCAGGAGTGGACTTTGGGGATGTGTCTGAGAGGCTGGCCCTGCGTCAAGGTTAAAATGCC
 GTAGTTCAAATGGTACCTGGAGAACGTGTACCCGAGATGAGGATCTACAACAACACCCTCACGTACGG
 AGAGGTGAGAAACAGCAAAGCCAGCGGCTACTGCTTGGACCAGGGGGCAGAAGACGATGACCGAGCCATT
 CTTTACCCTTGCCATGGCATGTCCTCACAGCTGGTGCCTACAGTGTGATGGCCCTCTGCAGCTGGGCC
 CCCTGGGCTCTACCGCTTTCTGCCAGACTCCAAGTGCCTGGTAGATGACGGCCGGGACGCATGCCAC
 CCTAAAGAAGTGTGAGGATGTAGCCAGGCTACGCAGAGACTGTGGGACTTCACCCAGAGTGGCCCCATT
 GTGAGCCGAGACAGGTGGTGTCTGGAGGTAGAGATGTCTAAAGATGCCAACTTTGGGCTGAGGTTGG
 TGGTGCAGCGCTGCTCAGGGCAGAAGTGGATGATCCGAACTGGATCAAACACGCCAAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001122644
- Insert Size:** 1815 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_001122644.1](#), [NP_001116116.1](#)

RefSeq Size: 2858 bp

RefSeq ORF: 1815 bp

Locus ID: 304571

Cytogenetics: 12q16