

## Product datasheet for **RN213744**

### **Galnt2 (NM\_001106196) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Galnt2 (NM_001106196) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN213744 representing NM\_001106196  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGACCCCTCCAGGCAAAGTCCGGTGGCCAGACTTTAACAGGAGGCGTATGTCGGCGGTACGA  
 TGGTTCGCTCTGGGCAGGACCCCTATGCTCGCAACAAGTTCAACCAGGTGGAGAGTGACAAGCTACGCAT  
 GGACAGAAGCATCCCTGACACCCGGCACACCAGTGTACAGCGCAAGCAGTGGCGAGTGGACCTGCCAGCC  
 ACCAGCGTGGTATCACTTTCCACAATGAAGCCAGGTCCGGCCCTGCTGCGGACGGTGGTCACTGTCTTTA  
 AGAGGAGTCCACCTCACCTCATCAAGGAGATAATCCTGGTGGATGACTACAGCAACGACCCGGAAGATGG  
 GGCCCTCTGGGAAAATCGAGAAGGTGCGAGTCTCAGAAATGACCGGAGAGAAGGTCTAATGCGCTCT  
 CGGGTCCGGGGCGCCGACGCCGCCAGGCCAAGGTCTGACCTTCTCGACAGTCACTGTGAGTGAACG  
 AGCGATGGCTGGAGCCGCTTTGGAGCGGGTGTGAGGACAGGACCCGGGTTGTATCCCCATTATCGA  
 TGTCAATTAACATGGACAACCTCCAGTATGTGGGCGCCTCTGCTGACCTCAAGGTTGGTTTTGACTGGAAC  
 TTGGTGTTCAGTGGGATTACATGACACCTGAGCAGAGGAGATCCCGGCAGGGCAACCCAGTTGCCCTA  
 TAAAAACCCCTATGATCGCTGGCGGCCTTTCGTGATGGACAAGCTCTATTTTCAAGAGCTGGGGAGTA  
 TGACATGATGATGGACGTGTGGGGAGGAGAGAACCTGGAGATCTCATTCCGAGTGTGGCAGTGGCGTGGC  
 AGCCTGGAGATCATCCCTTGACGCCGTGTGGGACACGTGTTCCGGAAGCAGCACCCCTACACATTTCCCG  
 GCGGCAGTGGCACTGTCTTTGCCCGTATTCAGAGCAGACTGGAGCTCAGGAAAAAGCTGGGCTGCAAGCC  
 CTTCAAGTGGTACCTAGACAACGTCTACCTGAGCTGAGGGTTCAGACCACAGGACATAGCTTTTGGAG  
 GCCTTACAGCAGGGAACCAACTGCCTGGACACCTTGGGACACTTGGCGGATGGAGTTGTTGGGATTTATG  
 AGTGTACAACGCTGGGGAAACAGGAATGGGCTTACTAAGGAGAAGTCGGTGAAGCACATGGACCT  
 GTGCCTTACTGTGGTGGACCGTTACCAGGATCACTCATCAGGTTGCAGGGCTGCCGGGAGAACGACAGC  
 AGACAGAAGTGGGAGCAGATCGAAGGCAACTCCAACTGCGACACGTGGGGAGCAACCTGTGCCTGGACA  
 GCCGCACTGCCAAGAGCGGAGGCCTGAGTGTGGAGGTGTGCGGCCGGCCCTGTACAGCAGTGGAAATT  
 CTCACTCAACCTGCAGCA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106196

**Insert Size:** 1422 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\\_001106196.1](#), [NP\\_001099666.1](#)  
RefSeq Size: 3842 bp  
RefSeq ORF: 1422 bp  
Locus ID: 292090  
Cytogenetics: 19q12