

## Product datasheet for **RN209138**

### **Galnt14 (NM\_001012109) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Galnt14 (NM_001012109) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209138 representing NM\_001012109  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGCGGGCTGACTCGCCGCTTGGCGCTGCCATCTTTGGGGTGCTTTGGATCACCGTGTCTGTTCT  
 TCTGGGTACCAAGAGGAAGTTGGAGGTGCCGCTGGGACCCGAAGTGACACCCCAAGCCTTCTGATGC  
 GGACTGGGATGACCTGTGGGAGCAGTTTGTAGAGCGGCGGTATCTGAATGCCAAAAAGTGCGGTGTCGGT  
 GATGATCCCTACAAGCTGTACGCTTTCAACCAGCGGGAGAGCGAGCGGATATCCAGCAATCGGGCTGTCC  
 CAGACACAGCCATAAGAGATGTTCACTGCTTGTGTACTGCACGGACCTGCCTCCACCAGCATCATCAT  
 CACCTTCCACAACGAGGCACGTTCCACTCTGCTCAGAATATCCGCAGTGTGTTAAACCGCACCCCTATG  
 CATCTGATCCAGGAAATCATATTAGTGGATGACTTCAGCAATGACCCTGAGGACTGCAAACAGCTCATCA  
 AACTGCCCAAGGTGAAGTGTACGCAACAGTGAGCGGCAAGGTCTGGTCCGGTCCCGGATGCGAGGTGC  
 TGACATTGCCAAGGCACCACTTGACCTTCTTGACAGCCACTGTGAGGTGAACAGGGATTGGCTGCAG  
 CCCTTGTTACACAGGGTCAAAGAGGATTACACAAGGGTAGTGTGCCCTGTGATCGACATCATTAACCTGG  
 ACACCTTCAACTATATTAGTCTGCCTCAGAGCTCAGAGGGGGTTTACTGGAGCTGCACTTCCAGTG  
 GGAGCAGCTCTCCGTAGAACAGAAAGCTTTGCGCCTAGACCCGACTGAGCCCATCCGGACTCCAATCATA  
 GCTGGAGGGCTCTTCGTGATTGACAAAGCCTGGTTCGATTACCTGGGTAATATGACGTGGACATGGACA  
 TCTGGGGTGGGGAGAAGTTTGAATCTCTTCCGAGTGTGGATGTGCGGAGGTGGCCTGGAGATCATCCC  
 CTGCAGTCGGGTGGGCGATGTCTTCAGGAAAAAGCATCCATATGTCTTCCCTGATGGCAACGCCAACACA  
 TACATAAAGAACCAAGCGGACAGCTGAAGTATGGATGGATGAATACAAGCAATACTACTATGCAGCCC  
 GGCTTTTGCCTGGAGAGACCCTTTGGAACATTGAGAACAGGCTGAACCTGAGGAAGAATCTGCCTG  
 TCAGACCTTCAAGTGGTACCTGGAAAATGTCTACCCAGAACTCAGGGTCCCCCAGACTCCTCCATCCAG  
 AAGGGCAATATCCGACAGCGGCAGAAAGTGCCTTGTGAGTCTCAAAAGCAGAAAAACCAAGAGACTCCACACC  
 TCAGGCTAAGCCCTGTGCCAAGGTCAAAGGAGATAGAGCAAAGTCTCAGGTGTGGGCCTTACATACAC  
 CCAACAGATCATCCAGGAAGAGCTGTGCCTGTCTGTGGTACCCTGTTTCTGGTCCCCAGTAGTTCTT  
 GTTCTATGCAAGAATGGGGATGAAAGACAGCAATGGACCAAGACCGGTGCTCGCATTGAGCACATAGCAT  
 CCCACCTGCTGGACACGGACATGTTCCGGTACAGCACCAGGATGGCAAGGAGTCTTGTCAACCC  
 TTGTGAGTCGTCCTCATGAGCCAGCACTGGGACATTGTGAGCTCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001012109
- Insert Size:** 1659 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\\_001012109.1](#), [NP\\_001012109.1](#)

**RefSeq Size:** 2310 bp

**RefSeq ORF:** 1659 bp

**Locus ID:** 313878

**Cytogenetics:** 6q13