

Product datasheet for **RN216911**

Galnt16 (NM_001100863) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt16 (NM_001100863) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt16
Synonyms:	Galntl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216911 representing NM_001100863
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAAGATCCGCGCCAATGCCATCGCCATCCTGACCGTAGCCTGGATCCTGGCACTTTCTACTACT
 TATGGCAGGACAACCGAGCCATGCAGCATCCTCCGGCGCCGCGCGCAGAGGGCCGGAGGCAGACC
 GGAGCAGCTCCGCGAGGACCGCACCATTCGCTCATTGTGACAGGAACACCGTCAAAAGGCTTTGATGAG
 AAGGCGTACCTGTGAGCAAGCAGCTGAAGCCTGGAGAGGACCCATACAGACAACATGCCTTCAACCAAC
 TGGAGAGTGACAAGCTGAGCCCAGACCGACCTATCCGGGACACCCGCCATTACAGTTGCCATCCTTGTC
 CTATTCCTCGGACCTGCCAGCCACAGTGTATCATCACCTTCCACAACGAGGCTCGCTCCACACTCCTG
 CGCACAGTGAAGAGTGTCTGAACCGAAGTCTGCCGGCTTGATCCAGGAGATCATACTAGTGGATGACT
 TCAGTTCCGGATCCTGAAGACTGCTTGTCTGACCAGGATCCCCAAGGTCAAGTGCCTTCGAAATGACAA
 ACGAGAAGGATTGATCCGGTCCCGGTTGTTGGGGCAGATGTGGCAGGAGCCTCAGTTCTACTTTTCTG
 GATAGTCACTGTGAGGTGAACGTGAGTGGCTGCAGCCAATGCTGCAGCGGGTATGGAGGACCACACCC
 GTGTGGTGAGCCCCATCATTGACGTCATCAGCCTGGACAATTTGCTTACCTGGCAGCATCTGCAGATCT
 TCGAGGAGGATTCGACTGGAGTCTGCACTTCAAGTGGGAGCAGATCCCACTGGAGCAGAAGATGACCCGG
 ACAGATCCCACCAAAACCCATCAGGACACCTGTTATAGCTGGAGGAATCTTCGTGATCGACAAGTCTGGT
 TTAACCACTTGGGAAAGTATGATGCCAGATGGACATTTGGGGAGGAGAGAATTTGAACTCTCCTTCAG
 GGTATGGATGTGTGGTGGCAGCTTGGAGATTGTGCCCTGCAGCCGAGTGGGCCATGTCCTCAGGAAGCGG
 CATCCCTACAACCTCCCTGAAGGCAATGCCCTAACCTATATCAGGAATACAAAGAGGACCGCAGAGGTAT
 GGATGGACGAGTACAAGCAATACTATTATGAGGCCCGGCCCTCGGCCATCGGGAAGGCCTTTGGCAGTGT
 GGCCACACGGATCGAACAGAGGAAGAAGATGGACTGTAAGTCTTCCGCTGGTACCTGGAGAACGTCTAT
 CCCGAGCTCACTGTCCCAGTGAAGGAAGTCTCCCTGGTGTCTTAAGCAAGGAGTCAACTGCTTAGAAT
 CCCAAGGCCAGAACACAGCTGGTACCTCCTGCTTGAATGGGGATATGCAGAGGGTCTGCCAAGAGCCC
 TCCACCAGCCCAGGCATGGTTATTTAGTGATCACCTTATCCAGCAGCAGGGGAAATGTCTGGCTGCCACC
 TCCACCTTAATGTCTTCCCCGGATCCCCAGTAGTACTACAATCATGTAACCCTAAAGAAGGCAAGCAGA
 AATGGAGAAGGAAAGGATCTTTTCATCCAGCATTGGTCACTGGCCTCTGCCTGGAGACAAAGCCTGCCCA
 GCTGGTGACAAAACAATGTCAGGCAGATGCCAGGCCAGCAATGGCAACTGCTGCCACACACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001100863
- Insert Size:** 1677 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001100863.1](#), [NP_001094333.1](#)

RefSeq Size: 3857 bp

RefSeq ORF: 1677 bp

Locus ID: 362760

Cytogenetics: 6q24