

## Product datasheet for **RN214377**

### **Galnt18 (NM\_001079884) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Galnt18 (NM_001079884) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt18
Synonyms:	Galntl4; RGD1309623
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214377 representing NM\_001079884  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGTGTACCAGGAAGACAAAACCTTTGGTGTCCACTTGCCTGATCCTGAGCGCATGACCAACATCA  
 TATGCCTGCTGTACGTGGGCTGGGTACCAACTACATTGCCAGCGTGTATGTGCGGGGAGGAGCCAGC  
 GCCCGACAAGAACTGGAGGAAGATAAAGGGGACACCCTGAAAATTATCGAGCGCTGGACCACTTGGAG  
 AATGTCATCAAACAGCATATCCAAGAGGCTCCTGCCAAGCCTGAGGAGGCAGAGGCTGAGCCCTTCCAGG  
 ACTCCTCCCTGTTTGCACACTGGGGTCAAGAGCTCAGCCCCGAAGGCCGGCGTGTGGCCCTGAAGCAGTT  
 CCAGTACTATGGCTACAACGCCTACCTCAGTGACCGGCTACCCCTCGACCGGCCCTGCCAGACCTCAGA  
 CCCAGTGGGTGCCCAACCTCTCATTCCCTGACAGCCTCCAGAGGTGAGCATCGTGTTCATCTTCGTCA  
 ATGAGGCACTGTCTGTGCTGCTGCTTCTATCCACTCAGCCATGGAGCGCACACCATCACACCTGCTCAA  
 GGAGATCATCCTGGTGGACGACAACAGCAGCAACGAGGAGCTCAAAGAAAAGCTGACTGAATATGTGGAC  
 AAAGTGAACGGGCAGAAACCAGGCTTCATCAAAGTTGTGCGGCACAGCAAGCAGGAAGGCCATCCCGCT  
 CCAGGGTCAGCGCTGGAGGGCAGCCACAGCCCTGTGGTGGCACTGTTTCGATGCCCATGTGGAGTTCAA  
 TGTGGGCTGGGCGGAACCACTCACCAGCAATCAAGGAAAACCGGAAACGGATCATCTCACCATCTTTT  
 GATAACATCAAATATGACAACCTTGGAGTAGAAGAATACCCACTGGCTGCCCAAGGCTTCGACTGGGAGC  
 TGTGGTGGCGCTACCTGAACCCACCAAGGCTGGTGGAGCTGGAGAATCCACAGCCCAATCAGGAG  
 CCCCAGCTCATTGGCTGTTTTCATTGTGGACCGGCAGTACTTCGAGGAGATTGGCCTGTTGGACGAAGGC  
 ATGGAGGTCTATGGAGGGGAGAATGTGGAGCTTGGGATCAGGGTATGGCAGTGTGGCGGGAGTGTGGAGG  
 TCCTGCCCTGCTCTCGGATTGCCACATCGAGCGAGCCCAAGCCCTACACAGAGGACCTCACTGCCCA  
 CGTGGGAGAAAATGCCCTCAGGGTAGCTGAAGTCTGGATGGATGAATTCAAAAGTCATGTCTACATGGCA  
 TGGAAACATACCACAAGAGGACTCAGGGATTGACATTGGGGACATCACAGCACGGAAGGCTCTGAGGAAGC  
 AGCTGCAGTGTAAAGACTTTCAGGTGGTACCTGGTCACTGTGTACCCAGAGATGAGGATGACTCTGACAT  
 CATCGCCTATGGAGTGTGCAGAATCCCTGAAGACTGATTTGTGTTTTGATCAGGGCCAGATACAGAG  
 AACGTCCCATCGTGTACATATGCCATGGGATGACTCCCAGAATGTGTACTACACGAGCAGCCAGCAGA  
 TCCACGTGGGTGCTCCTGAGTCCCACTATTGATGACGATGACAACCGGTGTCTGGTGGACGTCAACAGCCG  
 GCCAGACTCATCGAGTGCAGCTACGCCAAGGCCAAGAGGATGAAGCTGCACTGGCAGTTCTCCAGGGA  
 GGCTCCATCCAGAACCGCAAGTCCAAGCGCTGCCTGGAGCTGCAAGAAAACAGCGACATGGAGTTTGGTT  
 TCCAGCTGGTGTGCAGAAGTCTCGGGACAACACTGGACTATACCAATGTCCTGAGGAGCCTGGTGTCT  
**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001079884

**Insert Size:** 1824 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\\_001079884.1](#), [NP\\_001073353.1](#)

**RefSeq Size:** 2546 bp

**RefSeq ORF:** 1824 bp

**Locus ID:** 293181

**Cytogenetics:** 1q33