

## Product datasheet for **RN201789**

### **Galntl6 (NM\_001135756) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Galntl6 (NM_001135756) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galntl6
Synonyms:	Galntl7; RGD1564773
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201789 representing NM\_001135756  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGAGGAAACAGAAAAGTTTCTGCAAATGACTTTGTATTCACTGTGGCTTAAATTTCTGCCCA  
 ACATTGGTCTCTGGTCTTTGTACAAGGATAAACATCTGATGAAATCTGCAGAACCCGCGGAACATCAGAC  
 ATTTCCACTGGGCTAGGCGATGGCAATTCTATTCTGGACAGATGGTCTGAGAAGAAAAGACTGGCAT  
 GACTATGTGAGCATTAGAAAAGATGCTTTGCGCTCAGGGAAAAGGTGAGCATGGAAAACCATACCCCTTA  
 CTGAAGAGGACCATGATGACTCAGCTTACAGGGAAAATGGCTTCAATATTTTTGTCAGCAACAATATTGC  
 TCTAGAGAGGTCTCTGCCAGACATCCGCCATGCTAACTGTAAGCACAAGATGTACCTTGAAGGCTGCCA  
 AACACCAGCATCATTATCCCATTCACAATGAAGGCTGGACCTCACTCTTGGCACCATAACAGTATAA  
 TCAACCGGACACCGGAGAGTCTGATAGCAGAAAATATTCTAGTCGATGACTTCAGTGATAGAGAACA  
 GAAAGATAAATTAGAAGATTACATGGCTCGATTTCCCATAGTGAGAATTTGCGCACCAAGAAAAGGGAG  
 GGACTCATCCGGACCCGACTCCTGGGAGCTTCTGTGGCCAGAGGCGAGGTGCTGACCTTCTGGACTCCC  
 ATGTGTGAGGTCAATGTGAACTGGCTGCCCTCTCCTCAACCAAATTGCACTAAACCACAAAACCATCGT  
 GTGTCCCATGATCGATGTCATTGACCACAGTCACTTTGGGTACGAGGCACAAGCTGGGGATGCCATGCGA  
 GGAGCCTTCGACTGGGAAATGACTACAAAAGAATCCCATCCCTCCAGAGCTCCAGCGGGCTGATCCCA  
 GCGAGCCTTTTGGTCTCCTGTTATGGCTGGAGGTCTCTTTCAGTGGATCGAAAGTGGTTTTGGAACT  
 GGGTGGCTATGACCCAGGCTTAGAAATCTGGGGAGGAGCAGTATGAAATCTCTTTAAGGTTGGATG  
 TCGCGGAGGAGAAATGTTTCGATGTTCCATGTTCTAGAGTCGGTCAATCTACAGGAAGTATGTCCTTATA  
 AAGTTCCTGCTGGGACTAGCCTGGCAAGGAACCTGAAGCGCTGGCTGAGACCTGGATGGATGAATTTGC  
 TGAGTACATTTACCAGCGCGGCCAGAGTACAGGCACCTCTCCACCGGAGACATCTCTGCCAGAAGGAG  
 TTGCGGAAAACGACTTAAGTGCAAAGACTTCAAATGGTTCATGGCTGCGGTGGCCTGGGATGTGCCGAAGT  
 ACTACCCTCCGGTCGAGCCCTGCCTGCGGCATGGGGTGAAGTTCGAAATGTGGCAGCAAACCTTATGTGT  
 GGATAGCAAGCATGGAGCCATGGGGACCGAACTGAGGCTGGACATCTGTGTGAAGGATGGTTCGAAAGG  
 ACATGGTCTCACGAACAGCTCTTACTTTTCGGGTGGAGAGAAGATATTCGACCTGGTGGAGCTCTGCACA  
 CCCGAAAATTCGCTTGGATGCCATCTCACACAGCAGCCCTGTACCCTCTACGACTGTCACGGCATGAA  
 AGGCAACCAGCTCTGGGATACCGGGAGGACAGAACATTATCCATCCCGTGAGCAACAGCTGTATGGAC  
 TGCAACCTGCAGAGAAGAAGGTTTTTCATGGCCAGATGTGACCCTCTGTCCGAGACTCAGCAGTGGATGT  
 TTGAACACATCAACATGACTGTTTTAGAAAAAATTAGCCATTATGCCATCTCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001135756
- Insert Size:** 1806 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\\_001135756.1](#), [NP\\_001129228.1](#)

**RefSeq Size:** 1959 bp

**RefSeq ORF:** 1806 bp

**Locus ID:** 361142

**Cytogenetics:** 16p12-p11