

## Product datasheet for **MC219584**

### Galnt16 (NM\_175032) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt16 (NM_175032) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Galnt16
Synonyms:	1700021K10Rik; 4930431L04Rik; A830023L05
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219584 representing NM\_175032  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGAGGAAACAGAAGAGGTTTCTGCAAATGACTTTGTATTACCGTGGCTTTAATTTCTGCCCA  
 ACATTGGTCTCTGGTCTTTGTACAAGGATAAACACCTGGTGAAATCTGCAGAACCCGCGGAGCATCAGAC  
 ATTTCCACTGGGCTAGGAGATGGCAATTCTATTCTGGACAGATGGTCTGAGAAGAAAAGACTGGCAT  
 GACTATGAGAGCATTAGAGAGATGCTTTGCGCTCAGGGAAAGGTGAACATGGAAAACCATACCCACTTA  
 CTGAAGAGGACCGGGATGACTCAGCTTACAGGGAAAATGGCTTCAACATTTTGTGAGCAACAATATTGC  
 TCTAGAGAGGCTCTGCCAGACATCCGCCATGCCAACTGAAGCACAAGATGTACCTTGAAGGCTGCCA  
 AACACCAGCATCATTATCCCATTTACAACGAAGGTTGGACCTCACTCTTGGCACCATAACAGTATAA  
 TCAACCGAACACCAGAGAGTCTGATAGCAGAAATCATTCTAGTCGATGACTTCAGTGATAGAGAACACTT  
 GAAGGATAAATTAGAAGATTACATGGCTCGGTTTTCCAAAGTGAATTTGTACGCACCAAGAAAAGGGAA  
 GGTCTCATCCGGACCCGACTCCTGGGAGCTTCCGTGGCTAGAGGAGAGGTGCTGACCTTCTAGACTCCC  
 ACTGTGAGGTCAATGTGAACTGGCTGCCCCGCTCCTCAACCAAATTGCACTAAACCACAAAACCATCGT  
 GTGTCCATGATCGATGTCATTGACCACAATCACTTTGGGTATGAGGCACAAGCTGGGGATGCCATGCGA  
 GGAGCCTTCGACTGGGAAATGACTACAAAAGAATCCCGATCCCTCCAGAGCTGCAGAGGGCTGACCCCA  
 GCGACCCCTTTGAGTCTCCGTTATGGCTGGAGGCTCTTTGCAGTGGATCGAAAGTGGTTTTGGAACT  
 GGGTGGCTATGACCCAGGCTTGGAAATCTGGGGAGGAGAGCAGTATGAAATCTCTTTAAGGTTGGATG  
 TGTGGAGGAGAAATGTTGACGTTCCGTGTTCTAGAGTCGGTCATATCTACAGGAAGTATGTCCTTATA  
 AAGTTCCATCTGGGACCAGCCTAGCAAGAAACCTGAAGCGTGTGGCTGAGACCTGGATGGATGAATTTGC  
 TGAGTACATTTACCAGAGGCGGCCAGAGTACAGGCACCTCCACCGGAGACATCTCTGCCAGAAGGAG  
 TTGCGGAAGCGACTCAAGTGCAAAGACTTCAAGTGGTTCATGGCTGCTGTGGCCTGGGACGTGCCTAAGT  
 ACTACCCTCCGGTCGAGCCCTGCCTGCAGCGTGGGGTGAAGTTCGAAGTGTGGCAGCCAACTTATGTGT  
 GGATAGCAAGCATGGAGCCACAGGGACCGAGCTCAGGCTGGACGTCTGTGTCAAGGATGGCTCTGAAAGG  
 ACATGGTCTCACGAACAGCTCTTACTTTCCGGTGGAGAGAAGATATTCGACCCGGTGGAGCTCTGCACA  
 CCCGAAAATTCGCTGGATGCCATCTCACACAGCAGCCCTGTACCCTCTATGACTGTCACGGCATGAA  
 AGGGAACCAGCTCTGGGATACCGGGAGGACAGAACATTATTTTCATCCTGTGAGCAACAGCTGTATGGAT  
 TGCAACCCCTCAGAGAAGAAGATTTTCATGGCCAGATGTGACCCTCTATCTGAGACTCAGCAATGGATTT  
 TTGAACATATCAACATGACTGTTTTAGAAAAAAATAGCCACTATGCCATCTCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_175032

**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\\_175032.3](#), [NP\\_778197.2](#)

**RefSeq Size:** 5103 bp

**RefSeq ORF:** 1806 bp

**Locus ID:** 270049

**Cytogenetics:** 8 B2