

## Product datasheet for **RN201653**

### **Galnt4 (NM\_001025053) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Galnt4 (NM_001025053) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt4
Synonyms:	MGC125173
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201653 representing NM\_001025053  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGTGAGGTGGACATGGGCAGGCAAAAGCTGCCTGCTGCTGGCGCTTTAACACTGGCTTATATTC  
 TGGTGGAGTTCTCGGTCTCTACTTTGTATGCCTCCTCGGAGCTGACCGTGCCAGGGAGCTGGGGCCAAG  
 GAGACTCTCAGATCATGAGACAAGGAAGAGGATTTGTCTCAGCCTCTTTATAAAAAGCCCCCTGCAGAT  
 TCCCATGCTCTTGGGGAATGGGGAGAGCAAGCAAACCTCCAGCTCGATGAGGGTGAAGTGAAGCAGCAAG  
 AAGAACTCATTGAGAGATACGCCATCAACATTTACCTCAGTGACAGGATCTCCCTGCACCGCCACATAGA  
 GGATAAAAAGATGTATGAGTGTAAAGCCAAGAAGTCCACTACAGGTCGCTCCCCACCACCTCCGTTATC  
 ATCGCCTTTTATAATGAAGCCTGGTCCACTCTGCTTGAACCATTCACAGTGTCTAGAACTTCTCCAG  
 CTGTGCTTTTAAAGGAGATCATCTTGGTGGATGACTTAAGTGACAGAATTTATCTGAAGGCTCAACTTGA  
 AGCTTATATCAGCAACCTCGATAGAGTTGCTTGAACCAATAAGAGAGAGGGGCTGGTCCGGGCC  
 CGTCTGATTGGGGCCACTTTTGCCACCGGGGATGTCCTCACTTTCTGGATTGTCAGTGTAGTGTAAACA  
 CTGGTTGGTTGGAACCGCTTTTGAAAGGATCAGTAGAGATGAAACAGCAATTGTATGTCCTGTCATCGA  
 CACCATCGACTGGAATACTTTGCAATCTATATGCAGACCGGGGAGCCATGATTGGTGGTTTTGACTGG  
 CGTTTGACCTTCCAGTGGCATTCTGTCCCAAACATGAAAGGGACAGGCGGACATCAAGAATTGACCCCA  
 TCAGGTCAACCCATGGCAGGAGGCCTGTTTGTGTGTCAGCAAGAAGTATTTTCAGTACCTGGGAACGTA  
 TGACACTGGCATGGAAGTCTGGGGAGGTGAAAACCTTGAGCTGTCTTTCCAGGTTTGGCAGTGGCGGGC  
 AAGCTGGAGATCCACCCATGTTCTCACGTGGGCCACGTGTTTCCAAGCGGGCCCTACGCTCGCCCA  
 ACTTCTACAGAACCCGCTAGGGCGGGGAAGTGTGGATGGATGACTACAAAGAGCATTCTATAACCG  
 GAACCTCCCGCTCGAAAAGAGACCTATGGCGATATTTTCGAAAAGGAAGTTACTGAGGGAACGGCTGCAA  
 TGTAAGAGCTTCGACTGGTATTTGAAAAATGTGTTCTCTAACTTACACGTTCCGGAGGATAGACCTGGCT  
 GGCACGGAGCCATCCGCAGTATGGGCATCTCTCAGAGTCTTAGATTATAATGCACCGGACAACAACCC  
 TACGGGTGCTAACCTTTGCTGTTTGGATGCCACGGTCAAGGGGCAATCAGTTCTTTGAATATACTTCA  
 AACAGGAAATCAGATTTAATCCGTGACGGAATTATGTGCAGAGGTCCCCAACAAAAGGATTATGTAG  
 GGTGCAAAACTGCCCAAAGATGGGCTCCCCATTCCAGTTAACATCATTGGCATTTTAAAGAAGACGG  
 GACGATTTTTCACCTCACACAAGACTGTGTCTTAGTGCTTACCGGACAGCCGACGGCCGACCTAGCGTA  
 CAGATGAAAACCTGTGATGCCCTTGATAAAAACCAGATCTGGAGTTCGAGAAATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001025053
- Insert Size:** 1737 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\\_001025053.2](#), [NP\\_001020224.2](#)

**RefSeq Size:** 2560 bp

**RefSeq ORF:** 1737 bp

**Locus ID:** 500826

**Cytogenetics:** 7q13