

Product datasheet for **RN203284**

Galnt10 (NM_130742) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt10 (NM_130742) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt10
Synonyms:	Galnt9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203284 representing NM_130742
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGCGCAAAGAGAAGCGGCTTTGACAGCGGTGGCGTGGCTCTGGCGGCCCTTGCTCTGCTGCCCA
 ACGTGGGGCTCTGGGCTCTGTACCGCGAGCGGCAGCCGACGGCAGTCTGGGGGATCCGGGGCGCGGT
 GGCCCCGAGGGGATACAGGAATTACACAGTCGGCAAAAAAGACACTTTTCTGGGAGCTGAACAAAGG
 CTGAAGGACTGGCATAACAAGGAGGCTATCAGGAGGGATGCGCAGCGCGTAGGAAATGGAGAACAGGGGA
 AGCCTTACCCCATGACCGATGCTGAGAGAGTGGACCAGGCATACCGGAAAAACGGATTTAACATCTACGT
 CAGTGATAAAATCTCCCTGAATCGCTCTCTCCCGATATCCGGCACCCAACTGCAACAGTAAGCTTTAC
 CTGGAGACGTTCCCAACACCAGCATCATCCCTTTCCACAACGAGGGCTGGTCTCACTGCTGCGCA
 CCGTTCACAGCGTCTCAACCGCTCGCCCCAGAAGTCTGGCGGAGATCGTGTGGTGCATGACTTCAG
 TGACCGAGAACACCTGAAGAAGCCACTAGAAGACTACATGGCCCTGTTCCCGAGCGTGGAGATTCTCCGG
 ACAAGAAACGGGAAGGCCTGATAAGGACCCGAATGCTGGGGGCTTCGGCCGCCACCGGAGATGTCATCA
 CATTCTTAGATTCACTGTGAAGCCAACGTCAACTGGCTCCCCCTTTGCTTGACCGCATCGCTCGGAA
 CCGAAAGACCATCGTGTGCCAATGATTGACGTATCGACCACGATGACTTCCGGTACGAGACACAAGCC
 GGGGACGCCATGCGGGGTGCCTTTGACTGGGAAATGTATTACAAACGAATCCCAATCCCTCCAGAGCTGC
 AGAAGGCGGACCCTAGTGACCCATTTGAGTCTCCTGTGATGGCCGGAGGGCTGTTGCTGTGGATCGGAA
 ATGTTTCTGGGAGTTGGGCGGATACGACCCTGGCTTGGAGATCTGGGGAGGGGAGCAGTATGAGATCTCC
 TTCAAGGTGTGGATGTGTGGGGCCGCATGGAGGACATCCCTGCTCCAGAGTGGGCCACATCTACAGGA
 AGTATGTGCCCTACAAGTCCCTGCCGGAGTCAGCCTGGCCAGGAACCTGAAGAGAGTGGCTGAGGTGTG
 GATGGATGAGTATGCAGAATACATCTACCAGCGCAGACCGGAATACCGCCACCTCTCAGCTGGAGACGTT
 GTGGCCAGAAAAAATCCGAGGCTCCCTCAACTGTAAGAGCTTCAAGTGGTTTATGACCAAAATTCCT
 GGGACCTGCCAAGTTCTACCCACTGTGGAACCCCGGCTGCGGCTGGGGGAGATTGCAATGTGGG
 CACAGGACTGTGCACAGACACGAAGCATGGCACATTAGGCTCCCCGCTGAGGCTTGAGACCTGCATTGCG
 GGCCGTGGGGAGGCTGCCTGGAACAGCATGCAGGTCTTACCTTACCTGGCGGGAGGACATCCGGCCTG
 GAGACCCTCAACATACCAAGAAGTTCTGCTTCGACGCTGTTTCCACACCAGCCAGTACCCTCTATGA
 CTGCCACAGCATGAAGGGCAACCAGCTGTGAAATACCGCAAGGACAAGACCCTGTACCACCTGTTAGC
 GGCAGCTGCATGGACTGCAGCGAAAGTGACCACAGGATTTTCATGAACACCTGCAATCCCTCCTCCCTCA
 CCCAGCAGTGGCTCTTTGAACATACCAACTCCACGGTCTTAGAAAATTTCAACCGAAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_130742
- Insert Size:** 1812 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_130742.1](#), [NP_570098.1](#)

RefSeq Size: 1812 bp

RefSeq ORF: 1812 bp

Locus ID: 170501

UniProt ID: [Q925R7](#)

Cytogenetics: 10q22

Gene Summary: UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase; catalyzes the transfer of GalNAc from the nucleotide sugar UDP-GalNAc to the hydroxyl group of either serine or threonine [RGD, Feb 2006]