

Product datasheet for **RN210180**

Galnt5 (NM_031796) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Galnt5 (NM_031796) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Galnt5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210180 representing NM_031796
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACAAGATCCGAAAGTTTTCCGAGGAAGTGGCGAGTCTTGGCATTATATTTGTAGCTTCTGTCA
 TCTGGCTGCTCTTTGATATGGCAGCTCTCCGCCTCATTTCAGTGAGATCAACACAGGGATACTCAAAGA
 AGATATCATGAGGAGGGAACAGACAGGATTCAGAGTTGAGGCAGACCAAATGACGATCCTTTCCCCCAGC
 AGCAGAGGGATGAGGCCGCCCGGAATGGAGCGGGAGGCAAGGAGAGCTTTAGAAAGGCTGAGAACCCTG
 TACTCAAGGTTGAGGAGAATGTGGACCAAGTCCAGAGGAAAGGGAAAAATGCAGTTCCTCTGGGAAGGGG
 GAAGGCTGTGCTTTGTGGCATCGTACACATGTGCAAACCCTCCCAGTGACACTCCCATGCAGAAGACC
 CAGGGGAGAGACAGCAAGCCTGAAGTCTCCTTGCACATGATGTCCAAGCAGACAACAGTGTAGGGT
 CTGAGAAGGACTCTTTCACAGTGTCAAGAGGAGTTCATTGAACAAAACAGCAGAACATACAGAAACCTT
 AGATAAAAAACAAGAGGCCCCAGAGAATTATAATCTCAGCAGTGATACATCAAAGCAAGCCTCCAAAGG
 GCCTGAATGTGACCATCAGTGTGAGGACTGACAGATCAAAGCAGCAATCACAGACAGTAACAAAATCAA
 GCATACAATTTGCCAGCCTACCAATCCTGAAACCTGAGGAAGTCACGGTACAAAAGAAAAGTGGAGCTCA
 GGGCAAAGACCTAAAATATGAAGCCATAAAGCGCGCCCTCTTCTAAGTTCAGTGTGATGTGGGTGAT
 TTAAGAAAACAATCTACAAATGAGACAGGATTGGGAGTATTGCCAGAAGCCGATGGGGCCAAAGTGGCGC
 CAGGGAAGAACTAAATTTCTCTGAAAGTCAGATTGTGATTATAACTAAAGAGGAAGGCCAGAAGACAGA
 CACCAAAGAGGTACCTAATTTCTAAAATCCAAACTGTCTCCCTAAATTAAGTGGTAAAGCCAAGGAAAA
 CATATCCCAGGAGTCAGAGCCAGACCTTGTCTCTCCATTAGCTCCAAGAGAGCTGTGTCTCAGTCCA
 AGCCACCTTAGCTGAGGAACCTCATACAGCAAGAAGCAACTTGACTGCCAAGGCCACAACACTGTAGGACA
 CCAGCAAAGCCATGCAAATATCTCTGAAAACCCTGGAAAAGCATCACGTGCTCAGAATCGATGTGACCCTC
 TCTCAAGAGATCTCAATGCTCCAGTCAAGTTCGGGCGCCCTGTCTGGTTCCTTCCCTGAAAAGAAGAGG
 AGGCTGAACAGAGATGGAAGAAGGAACTTCAATGTCTACCTTAGCGATTTGATTCCAGTGGACAGAGC
 CATTGAAGACACAAGGCCTGCTGGGTGTGCAGAGCAACTAGTTCACAACGACCTCCCAACCACCAGCATC
 ATCATGTGCTTCGTGGATGAGGTGTGGTCTGCTCTCCTGAGGTCTGTGCACAGTGTCTCAACCGCTCCC
 CTCCACACCTCATCAAGGAGATTCTGCTGGTGGATGATTCAGCACCAAAGACTACCTGAAAGCTAATTT
 GGATAAATACATGTCTCAGTTTCCAAAAGTTCGGATTCTTCGCCTCAAGGAGAGACATGGCTTGATCAGA
 GCAAGGCTGGCTGGGGCCGAGAATGCAACAGGTGATGTGCTGACATTCTAGACTCCCATGTGGAATGTA
 ATGTGGGCTGGCTGGAACCCCTTCTGGAGAGAGTTTATTTAAATAGAAAGAAAGTAGCCTGTCCAGTAAT
 TGAAGTCATCAATGACAAGGACATGAGTTACATGACAGTGGACAACCTCCAAAGAGGTGTCTTCACTGG
 CCCATGAACTTTGGCTGGAGAACAATCCCTCCAGATGTTATTGCAAAAAATGGAATTAAGAAAACAGATA
 TAATAAGGTGCCAGTCATGGCAGGTGGATTATTTCCATTGACAAAAGTTACTTTTATGAACTTGGAAC
 TTATGACCCTGGTCTTGATGTTTGGGTGGAGAAAATATGGAGCTATCATTCAAGGTCTGGATGTGTGGT
 GGTGAAATCGAGATCATTCCCTGTTCCAGAGTGGGCCACATATCAGAAATGACAATCCCTACTCCTTCC
 CCAAGGACCGCATGAAGACGGTGAACGGAATCTGGTGGGGTGTGCTGAGGTCTGGCTCGATGATACAA
 GGAACCTTCTATGGCCACGGGATCACCTCATAGACCAAGGGCTGGATGTGGCAACCTCACCCAGCAA
 AGGGAGTTGCGAAAAGAAGCTGAAGTGCCAAAGTTTCAAGTGGTACTTGGACAATGTCTTTCCCGACTTGA
 AGGCGCCTGTTGTAAGAGCTAGTGGTGTGTTTATAATCTGCGCTTGGGCAAGTGTGTTCCATCAAAAA
 TATCACAGTTGCTCTGGAGGACTGCGATGGGAGCAGTGAAGCTTCAACAATTTAATATACCTGGGTAAAG
 CTTATTAAGCATGGAGAGTGGTGTGTGGCGCCCATCCCTGATAAAGGATCCCTGACGCTGTACCCGTGTG
 ACAACAGAAACAACAGGCTTAAATGGCTGCACAGATCAGCATCTGCCTTTCATCCAGAAGTGGTGGACCA
 CATTGTTTTTAAAGCTATCAGCAGTTATTATGTATGGAAGGGAATTTCTCTCAGAAGACCCCTGAAACTG
 GCTGCTTGAACCCGACGGAACCAACAAAAGTGGAAAATTTGAAAATACTACGATGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_031796
Insert Size:	2793 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:	<ol style="list-style-type: none">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_031796.1 , NP_113984.1
RefSeq Size:	3512 bp
RefSeq ORF:	2793 bp
Locus ID:	83627
UniProt ID:	O88422
Cytogenetics:	3q21
Gene Summary:	recombinant proteins display transferase activity in vitro [RGD, Feb 2006]