

## Product datasheet for **SC209542**

### **GALNT9 (NM\_021808) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** GALNT9 (NM\_021808) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** GALNT9  
**Synonyms:** GALNAC-T9; GALNACT9  
**ACCN:** NM\_021808  
**Insert Size:** 782 bp  
**Insert Sequence:** >SC209542 3'UTR clone of NM\_021808  
 The sequence shown below is from the reference sequence of NM\_021808. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAAACTGGATCAAACACGCACGGCACTGCCCCACCTCCGCCCGGACCCACAGACCTCGGGAAGGC
GCTGGGCCGAGCCAGTGTGGCTGAGTGACCGGGGTGTGCCGGCAGACACAGCAGGACAGGGCTCTATG
TGCGGCCAGGACAGCAGAGGCTGAGGGGCCGGGTGTGGCTGAGTGACCAGGGTGTCACCACTGCATC
TGGAGTACAGCTTCTCCTAGGACAGGCGCTCTACCCGAGGGAGGGCGTCTGGGGACAGTATGCCAAC
TCAAACACGTGCCTTCTCCACGGTATCTCTGGCCAGGCTGCTGGGACAGCCGCCCTCTGCATGTAC
CACAGCCCCACGCCCATAGGGAGGCCAAGCCCCGACCATGCACCAGGCTGCACCCTGGTGTCTTC
CACCCGAGGCCCTCCATGCTCCAAGCAGCCTCCCCAGCACTTGCGGCCGCTCAGCCCTCCAACCAAG
ACCTAAGTCACACATCATAATGCAGCTCCTTGTGGTCTGGTAAGAGGGGTGCTGGAGGACATGGACAGC
GACAAACCTGAGGCCGTGTCTAGGAGGCTGGCAGCACTGCTTCAAGAGACCAAATAAAGAGAGGATT
AGGCAGCAGCACTGTGTGTGTCTTCTGGGAGCCGAGCTGGGGGTGGGGCCCGTCCCACCTCTTTCC
CAGGCACCTGGGCCCTGCCGAGCCAGCCCTTGCCCTGTTTTAATAAATACAGTTTTATTGGCGCCA
GCCACAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_021808.3</a>
<b>Summary:</b>	This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. This gene is expressed specifically in the brain, with highest expression in the cerebellum. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	50614
<b>MW:</b>	28.2