

## Product datasheet for **SC214667**

### **B3GNT3 (NM\_014256) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	B3GNT3 (NM_014256) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	B3GNT3
Synonyms:	B3GAL-T8; B3GN-T3; B3GNT-3; beta3Gn-T3; HP10328; TMEM3
ACCN:	NM_014256
Insert Size:	1484 bp



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**Insert Sequence:** >SC214667 3'UTR clone of NM\_014256  
 The sequence shown below is from the reference sequence of NM\_014256. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCTGCGGCAATCAGACACAGATCTACTGAGTCAGCATCAGGGTCCCCAGCCTCTGGGCTCTGTTTCC
ATAGGAAGGGGGACACCTTCTCCAGGAAGCTGAGACCTTTGTGGTCTGAGCATAAAGGAGTGCCAG
GGAAGGTTTGAGGTTTGATGAGTGAATATTCTGGCTGGCGAACTCCTACACATCCTTCAAAACCCACCT
GGTACTGTTCCAGCATCTTCCCTGGATGGCTGGAGGAACTCCAGAAAATATCCATCTTCTTTTGTGGC
TGCTAATGGCAGAAGTGCCTGTGCTAGAGTTCCAAGTGTGGATGCATCCGTCCTTTGAGTCAAAGTC
TTACTTCCCTGCTCTCACCTACTCACAGACGGGATGCTAAGCAGTGCACCTGCAGTGGTTAATGGCAG
ATAAGCTCCGTCTGCAGTTCAGGCCAGCCAGAACTCCTGTGTCCACATAGAGCTGACGTGAGAAATA
TCTTTCAGCCCAGGAGAGAGGGGTCCTGATCTTAACCCTTTCCTGGGTCTCAGACAACCTCAGAAGTTG
GGGGGATACCAGAGAGGTGGTGAATAGGACCGCCCTCCTTACTTGTGGGATCAAATGCTGTAATGG
TGGAGGTGTGGGAGAGGAGGGAGGCAAGTGTCTTTGAAAGTTGTGAGAGCTCAGAGTTTCTGGGGTC
CTCATTAGGAGCCCCATCCCTGTGTTCCCAAGAATTCAGAGAACAGCACTGGGGCTGGAATGATCTT
TAATGGGCCCAAGGCCAACAGGCATATGCCTCACTACTGCCTGGAGAAGGGAGAGATTAGGTCCTCCA
GCAGCCTCCCTCACCCAGTATGTTTTACAGATTACGGGGGACCGGGTGAGCCAGTGACCCCTGTAGC
CCCCAGCTCAGGCCTCAGTGTCTGCCAGTCAAGCTTACAGGCATTGTGATGGGGCAGCCTTGGGGAA
TATAAAATTTGTGAAGACTTGGAGATCTTTTTTTTTTTTTTAAGCAAATTTACAAGTTTCAACAGACAA
GTCCACATTCATCCCTAAAAGTCTCATTTTCCAGTAGAAAAATATACACTGGTAAAAACGGGGCATGGGG
CCGTGGCTCAGGGCTGTAACTTAGCACATTGGGAGACCAAAAGTGGGAGGATCACTTGAGCCCAGGAGT
TCTGGATCCTGTCTCTGCACAAAATAAAAAATTAAGCGCTGGTGGTCTCACATGCCTGTAGTCCC
AGCTATACTTGGGAGGCTGAGGCGAGAGGATCGCTTGAGCCAGGAGTTGGAGGCTGCAGTGAACCATG
ATTGCGCCACTGTACTCCACTGGGCGGCAATAAGAAGACAAAAACATAAAACAGGACATGTGTGAGGCA
AAAGCTGCAGGAATTTCTATCAGGCAGATCTGACCTCATCCACCACCCCTGCTCAGATACCCTTCA
TAGCTCCTTATTGCTTTCAGCTCATAACCCACAT
ACGCGTAAGCGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-Mlul

**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).

**Components:** 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.

**RefSeq:** [NM\\_014256.4](#)

**Summary:** This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein and contains a signal anchor that is not cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesis of the backbone structure of dimeric sialyl Lewis a. It plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking. [provided by RefSeq, Jul 2008]

Locus ID: 10331

MW: 54.9