

## Product datasheet for **SC214128**

### **B3GNT1 (B3GNT2) (NM\_006577) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	B3GNT1 (B3GNT2) (NM_006577) Human 3' UTR Clone
Symbol:	B3GNT1
Synonyms:	3-Gn-T1; 3-Gn-T2; B3GN-T2; B3GNT; B3GNT-2; B3GNT1; beta-1; beta3Gn-T1; beta3Gn-T2; BETA3GNT; BGnT-2; BGNT2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006577
Insert Size:	1347 bp



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**Insert Sequence:** >SC214128 3'UTR clone of NM\_006577  
The sequence shown below is from the reference sequence of NM\_006577. 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
CAGTTGCAGAGTCTCATTAAAAATGCTAAATAGATACAACTCAATTTGCATAGAAAGGTGATTTT
TGAATAGTCCCATGTTGTGTTCTCACATTAGAGTAATTTCTATATTAACCATGAAAATGCCTTTAT
GAGTGATACCCATTTGAGGGCCTCTAAACCCTCAATTTGGTACTCACGTGAAGAGGGAAAGCGGAAGA
TGGTAATTTTTTTTTATGGATGATATGGCAGGATGATTGGTTCTGATCTTACCGCTAGTGGTCATTTT
TAAAAAATTGTACCCTCTATCTGAAATCCTGTTTCTGGAATTTGGCCATTTAAAGTATTTTGTTG
CCCTCTTCTATAATTCCTACTTCCATAATAATGACTGATTTATTTGTAATTCAGGTATTTATAAAC
CTATTGGCTACAAAGACTTTGTTAAACATTATCCAGTGGTTTTCGTGAATGGAATTATGTTATTTTT
ATGGGATTTGGGTAATTTTAAATTGTCTAGAAAAGTAAATTTCAAGTTGTCAGTTGTGGAATTCAGTT
TTTCAATTGTGGAATTTCTGCCACCCCAACAGTATTTTGTGTGTTAATTAATTTGCAAAATGAGA
ATCATGGTGTGCACTCATCTAATTTATCTTGTGTGATGTTATGGTCATAATAAGGAGAAAGAGGGTT
TAATTTTTCTTGTATTTGGTTTCTGGTGGTATCATAGTGAATTTTAGTATTTGAAAATCAGTGTGAT
TCCTTAATGGCCAAGTGAAGATTGAATGCGGCTAACCAACCATATCGTGTAGTGAATTTCAATATGG
ACCAGGAAGGCATATGATTTTGAAGTGTAGTGAAGGTTGAAGTTACAGACTTTTGCATAGATGGTT
TGTCATTTAAAATCCAGAATTTATTATGCCATTTTACATGCTGCTTATAACAAGATTATTATTTG
AGTAGTAAGTCTCCCTGTCTATGTAGAAGTGCCTGTGTTTTTATTTATTTGTTTCAAGATCAAGACCA
AACATTTTCTTAAATATATTTTATGTAATTTTTATTTGTATACAGTGTGTTGATGAAATTTTAACT
AGAGCATGATATTTTAAATGTTAAGGTGTAAACATATGTTAAATAAACTGTTATTTTTGAATTTTAAAA
TTTTTTTTTGGGGTATGAACTACTAGAGTTTAAAATCTGCCAACTATTACTTATATGTAATTTG
TGTAACATACTTTCTTGAATATTTTTGTTTATAGAATTGAAGGTTCTTATCAGATGGGATACTGGGGA
CTATAACAATGGAAATAAAGCCACTGTATTTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATCCACCGCCCTTCTATGAAAGG
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**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).

**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\\_006577.6](#)

**Summary:** This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It prefers the substrate of lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetylglucosamine chains. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jan 2016]

**Locus ID:** 10678

**MW:** 53.2