

Product datasheet for **SC211507**

B4GALNT1 (NM_001478) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	B4GALNT1 (NM_001478) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	B4GALNT1
Synonyms:	GALGT; GalNAc-T; GALNACT; SPG26
ACCN:	NM_001478
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC211507 3'UTR clone of NM_001478

The sequence shown below is from the reference sequence of NM_001478. 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
CACCGGCTGCAGTGCATGACCTCCAGTATGGCCCGCTGGGGATTCTGACTGTCAGGCTGGGCTGC
CTCCTTGTCCCTGCCAGGAATTTCCAACAAACCCACCACCCTGTGAGCACTCTACTGGCTGTCCCTGA
GCCTCTAGTTCCTCACTTCTCTTTTTCAGAACCTGATGCCAGTAGGGGTTGTCTGGTGACACCCCTC
CTTTTTCCAGTGGCCAGAGGCTGGTGGAGCCATAACCTCTCCACAGCCAGTGCCAAAGTCTCCCCCT
GCCATTCTCATGGGCGAGAAATGGGGGATCACTTTCCAAGTGCCAAAGAGCCAGAGGGACTCTAA
GAACCTAAGGTGAAACTGTCTCTCATCTTGGGACCGAGGGGTGGGAAAGTCCCCAACACATAA
TCCAAGACTGTCCCTCATCTGCATCTCAGATCCAGTACTCTGTGTACCTGTCCAGCCCCACCC
CACAGAGAGAACTTGTGGCTCTGGGCTGGGGTGAGGGCTGGTGGTTGGTAAAGCCATTCTTAGTTGT
GTCTCTGCAATGTGTGGGCACAAAAGAAGGGGACCAGAGTCCCTGTGCAAAACCTAGACTCACTTC
ATGGATTCCAAAGCTCTCAGCTTCAATTTATTAGTTACGTTAGGTAAGGGGGTCAAGGGTCATGGTCC
TCATCACACATGTCATCAGGGCCCTCTGCACTCCACATGATGAGGTCAGACCCACACGGTGCAATC
TTTGGGTGAGTGCCTGGAGAAGAGAGGAGACATGTCAGGAATAGATTAGGCACCCCTTCTCTTA
ATGAAATGTGGCAGTCTCTCAGGGTACCCACCTACTAGGGATCTGAGTTCTCAGTTCTCCTCACCC
ATAGCTCAGCCGGGCTCCCTGATTTGGTCTTCAATCTACTATTCCGTCACCCCTTTTCTTCT
TGATCTTCTCAGACCTTTCCAAACCCCTCTCCCTGGGTCTCCAGCCACTTACCCCTGCCTCACTTG
CCGACGCCAGTGCCTCCTGGCTCCCGCTCCTGGTGTACTGCCCCTAACAGGCTCCCCAGGGCATAA
GCAGTGCATCCTGCACACTCACAAACAGCTGATCTGGAGTACCCTGTCCAGGAGTCTACCCGGGTC
AGTGTCCCTGCACCAAGGCTATGTGGGAGGGTGTGAGACTCTGAGACCCTAAGTCCACACCGGGTCC
TTTTCCCTACCGCAGGTGTCCAGTCAATGCCAGGCACTGGGCCCGCTTCTCTCACACATCTACCA
TTACTAGGAGCCAGGAGGAGGGGATCCTAGCATCTCGACATCGGCTGGCCAGTGCAGGGATGGGGCA
AAGGGTTAAGTCCCAGATCAGAGGGTATGAGTGAGATGTAAGGGGTTTCTCTCAACCTACCCTCTC
CCTCACCTGCACCACTTCTTGCCCCAGCAGCATCTGCAAAGGTGACCACTGAAGTCTAGGACCAC
CACCTGACAGGCTCAGCACTAGAATGGGAGAAGACAGGAGTACCCAGGTGTCACCATGCAACATGCC
CAAATCTTCTTCTGTACCCCATCTCACCTGCAACCATTGGGCCATCTGGCTTTGAAGTCTCCTATA
AGTAAAGAAGGGCAGTACCACCTCCCGAAACACAGCATGAACATGCACCCCTTGAGCACAAGGATCCCC
CTCAGAACACCCACCTGCCTCCCACTCCCTGAGGATCCACATCCCTCTAAACCAAGCTCCTTACCTT
TTCTCCTTCTCCGAGCCCGAGTCCACTCCAGGTTGCAGCGAAACTGCCACGGGTCCCAAAGTACAG
TGGTGTGGATAGCTCAGGATGCAGAGCCCGGGACCTGGAGGAGCTAAGAGGTCAAAGGATCAGAGAA
ATGTCTGGGGCTAATCTTCCCTTCTTCTTGGCTGCAGCCACCCACCTGGGGCTTCTCTGAGTG
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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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_001478.5](#)

Summary: GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2013]

Locus ID: 2583

MW: 72.8