

## Product datasheet for **SC207626**

### ST6GALNAC1 (NM\_018414) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ST6GALNAC1 (NM_018414) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ST6GALNAC1
Synonyms:	HSY11339; SIAT7A; ST6GalNAcI; STYI
ACCN:	NM_018414
Insert Size:	597 bp
Insert Sequence:	>SC207626 3'UTR clone of NM_018414 The sequence shown below is from the reference sequence of NM_018414. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGTCCCAGGAACTGCCAAGCCAAGAACTCGCGGGCCAGGGCTGCCATGGTCTCCTTGCCCTGCTCCAA
GGCACAGGATACAGTGGGAATCTTGAGACTCTTTGGCCATTTCCCATGGCTCAGACTAAGCTCCAAGCC
CTTCAGGAGTTCCAAGGGAACACTTGAACCATGGACAAGACTCTCTCAAGATGGCAAATGGCTAATTGA
GGTTCTGAAGTTCTTCAGTACATTGCTGTAGGTCCTGAGGCCAGGGATTTTAAATTAATGGGGTATG
GGTGGCCAATACCACAATTCTGCTGAAAAACTCTTCCAGTCCAAAAGCTTCTTGATACAGAAAAA
GAGCCTGGATTTACAGAAACATATAGATCTGGTTGAATTCCAGATCGAGTTTACAGTTGTGAAATCTT
GAAGGTATTACTTAACTTCACTACAGATTGTCTAGAAGACCTTTCTAGGAGTTATCTGATTCTAGAAGG
GTCTATACTTGTCTTGTCTTTAAGCTATTTGACAACCTACGTGTTGTAGAAAAGCTGATAATAATACA
AATGATTGTTGTCCATGGAAAGGCAAATAAATTTCTACAGTAA
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).
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.



[View online »](#)

RefSeq: [NM\\_018414.5](#)

**Summary:** Glycosylation of proteins affects cell-cell interaction, interactions with the matrix, and the functions of intracellular molecules. ST6GALNAC1 transfers a sialic acid, N-acetylneuraminic acid (NeuAc), in an alpha-2,6 linkage to O-linked GalNAc residues. The cancer-associated sialyl-Tn (sTn) antigen is formed by ST6GALNAC1-catalyzed sialylation of GalNAc residues on mucins (Ikehara et al., 1999 [PubMed 10536037]; Sewell et al., 2006 [PubMed 16319059]). [supplied by OMIM, Mar 2008]

Locus ID: 55808

MW: 22.4