

Product datasheet for **SC207137**

ST6GALNAC4 (NM_175040) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ST6GALNAC4 (NM_175040) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ST6GALNAC4
Synonyms: IV; SIAT3-C; SIAT3C; SIAT7-D; SIAT7D; ST6GalNac; ST6GALNACIV
ACCN: NM_175040
Insert Size: 536 bp
Insert Sequence: >SC207137 3'UTR clone of NM_175040
The sequence shown below is from the reference sequence of NM_175040. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
TTCGCCCATCCGTCTGGAGGACTGAGTAGCTTCCGTCGTCTGCCAGTCGCCATGCCGTTGCGAGGCC
TCCGGGATGTCCCATCCCAAGCCATCACACTCCACAAAAACATTTAATTTATGGATCCTGCCTCCTGCC
ACGTGCTGGGTGGACCTAAGTTTCCTTCCCGCCCATCTGGCGACACTTGGAGCCATCTCAGGCCCTCA
TGACTTGAAGGGGAGTGGAGGGGGAGCGGTGTCTCCCCCTCCACTCCCTGAGTAATTCACGGCATT
GGGGGCTCACCCACCTCCAGGTCTGTCAAGTGGCCTTTGTCCCTGGGGCTGATGGCCCCAACTCACC
AGCATCATGACCTTGTGCCAGTCTGGTCTCCCTCCCCAGCCGCTCTACCACCTTTTGGTGCCACAC
TTCTCAGGCTGGCCGCCCTGGTTGGGGCAGCCGAGAGCCTGGGGTTCATTGGTGAAGGGCCTTGGAGT
TGTGACTGCCGGGCGGTATCAGGAACGTACGGGTAACGTGTGTTTTCTGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_175040.4](#)



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Summary:

The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein prefers glycoproteins rather than glycolipids as substrates and shows restricted substrate specificity, utilizing only the trisaccharide sequence Neu5Ac-alpha-2,3-Gal-beta-1,3-GalNAc. In addition, it is involved in the synthesis of ganglioside GD1A from GM1B. The encoded protein is normally found in the Golgi apparatus but can be proteolytically processed to a soluble form. This protein is a member of glycosyltransferase family 29. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

27090

MW:

19.9