

Product datasheet for **SC207136**

ST6GALNAC4 (NM_175039) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ST6GALNAC4 (NM_175039) Human 3' UTR Clone
Symbol:	ST6GALNAC4
Synonyms:	IV; SIAT3-C; SIAT3C; SIAT7-D; SIAT7D; ST6GalNAc; ST6GALNACIV
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_175039
Insert Size:	536 bp
Insert Sequence:	>SC207136 3'UTR clone of NM_175039 The sequence shown below is from the reference sequence of NM_175039. 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
TTCGCCCATCCGTCCTGGAGGACTGAGTAGCTTCCGTCGTCCTGCCAGTCGCCATGCCGTTGCGAGGCC
TCCGGGATGTCCCATCCAAGCCATCACACTCCACAAAAACATTTAATTTATGGATCCTGCCTCCTGCC
ACGTGCTGGGTGGACCTAAGGTTCTTCCCGCCCATCTGGCGACACTGGAGCCATCTCAGGCCCTCA
TGACTTGAAGGGGAGTGGAGGGGGAGCCGTGTCTCCCCCTCCACTCCCTGAGTAATTCACGGCATT
GGGGGCTACCCACCTCCAGGTCTGTCAAGTGGCCTTTGTCCCTGGGGCTGATGGCCCCAACCTACC
AGCATCATGACCTTGTGCCAGTCTGGTCTCCCTCCCCAGCCGCTCCTACCACCTTTTGGTGCCACAC
TTCTCAGGCTGGCCGCCCTGGTTGGGGCAGCCGAGAGCCTGGGGTTTATTGGTGAAGGGCCTTGGAGT
TGTGACTGCCGGGGCCGTATCAGGAACGTACGGGTAAACGTGTGTTTTCTGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-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_175039.4
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