

Product datasheet for **SC211780**

ST3GAL5 (NM_003896) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ST3GAL5 (NM_003896) Human 3' UTR Clone
Symbol:	ST3GAL5
Synonyms:	SATI; SIAT9; SIATGM3S; SPDRS; ST3Gal V; ST3GalV
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003896
Insert Size:	2000 bp



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Insert Sequence: >SC211780 3'UTR clone of NM_003896
 The sequence shown below is from the reference sequence of NM_003896. 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
CTCAGTGGAGGCATTGATCGTGAATTTTGAACACAGAAAACCTCAGTTGAAAATGCAACTCTAACTCTG
AGAGCTGTTTTTACAGCCTTCTTGATGATTTTCTCCATCCTGCAGATACTTTGAAGTGCAGCTCATGT
TTTTAACTTTTAAATTTAAAAACACAAAAAAATTTAGCTCTTCCACTTTTTTTTTCTATTTATTTG
AGGTCAGTGTGTTTTTGCACACCATTTGTAATGAACTTAAGAATTGAATTGGAAAGACTTCTCA
AAGAGAATTGTATGTAACGATGTTGATTGATTTTTAAGAAAGTAATTTAATTTGAAAACCTCTGCTC
GTTTACACTGCACATTGAATACAGGTAACATAATGGAAGGAGAGGGGAGGTCACTCTTTTGTGGTGGC
CCTGAACCTCATTCTGGTCCCTGCTGCGCTGCTTGGTGTGACCCACGGAGGATCCACTCCCAGGATGA
CGTGCTCCGTAGCTCTGCTGCTGATACTGGGTCTGCGATGCAGCGCGCTGAGGCCTGGGCTGGTGGAG
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CTGGAGGTCCCTGGTCCGAGAGGGACATAGAATCTGTGACCTCTGACAACCTGTGAAGCCACCTGGGCT
ACAGAAACCACAGTCTTCCCAGCAATTATTACAATTTTGAATTCCTTGGGGATTTTTACTGCCCTTT
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CTGGTTAATTTGGGTGCTTATGTCTATGAATCTACCCAAAACCTCCTTCTGGATGCTGCTGCTAGGCG
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GCCCCAGACTCGGCTGCCGCCATCGCTGTTCTCCACTCTGTGGCTGCTCTGTCACTAATGCTACCTGC
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CCCTTGTGGCTCAGGTGGTGTGGGCTTACACCACACAGCTCCACCCCTACATCCCTCAGGGGGTTATT
GGAGAAGCCGGAACCTTCTCAGACAACGTTCTTAATGCTACGAGCGCCTCCTTGTGGTATGAGGAGAC
TTGCCTACCTGCTTCTCAAGGCTGCTGGGATGTGTGGTGTCAAAGCTTCCACTTGGTCACTTGCAGC
CATTCTCAGGCCTGCTCCCATCCCCATCCCTCCTCCTGTAAGGCCCTTCTTGCATCCTTAGGTTGCT
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_003896.4](#)

Summary:

Ganglioside GM3 is known to participate in the induction of cell differentiation, modulation of cell proliferation, maintenance of fibroblast morphology, signal transduction, and integrin-mediated cell adhesion. The protein encoded by this gene is a type II membrane protein which catalyzes the formation of GM3 using lactosylceramide as the substrate. The encoded protein is a member of glycosyltransferase family 29 and may be localized to the Golgi apparatus. Mutation in this gene has been associated with Amish infantile epilepsy syndrome. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

8869

MW:

74.5