

Product datasheet for **SC208422**

ST3GAL6 (NM_006100) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ST3GAL6 (NM_006100) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ST3GAL6
Synonyms:	SIAT10; ST3GALVI
ACCN:	NM_006100
Insert Size:	2000 bp



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Insert Sequence: >SC208422 3'UTR clone of NM_006100
 The sequence shown below is from the reference sequence of NM_006100. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AACCTCGTAATCAACTTGACTCAAGATTGACTCTACAGACTCAGAAGATGATGCTAACAGTGTTAGTTT
TATTTTTGTAAGTCAATTTTTAGTTTAAAAATATGTTGGATGCACTCGTCAATAATTATGTATACTGTC
TGTTGCTGCCTGGTGATTATAACCACAGCTTAATTTCTGTGAATACTGTATATTTAACTTATGAAAA
CCAAGAAATGTAAGATAACAGGAAAAAAGTTTTGATTGCATTGTTTTAAAAAAGCTAGTTTTCTG
AGGTGTTTTACACGCTTTTTATAGTTACTTCATCTTAGATTTTTGAAGGGATATGACTTCTACTAA
GGATTTAGTTTACCACAACAATTCTGACTACAATAAGACATTTTGAGGAGGATATTTGGCTACTGTAAA
CATGGCTGGTGGAAAATCAGATTGTGGCTTGATGTGGCAAGCCGAAACCACTTGGCTCTGAAAATCTA
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GTAATTTGGTACAATGAAGGCAGTGTGTTTTTAAAGTTAAAGGAAATGGCTAAACATAAAGTTCTTA
TTAGATAAGTAAATAACTAAAGAAAAGAAACAATTAATACTAAACTCTGATGGCTTTGTATTATTTAAAGA
AATGAAGTTTAACTTTATACAGTGAAGCTAAGCTAGGCAAGCTCAAGAAGGAAAAAAAAAATCTTGAACA
TTATTTTTTTTTGCTGACTTACTTATTCATTAATTTTTGAAGTTTTTCCACTTGAAGTAAATTAGGAA
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GGTATGCGCTGTAGTCCAGTACTCGGGAGGCTGAGGCACGAGAATTGCTTGAGCCCGGAGGCAGAG
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GTCAGAAGAGGTATGAGCTGAAGAAAGAATTACTCTCTTTTGACCAATAAATAAATGGGAAACACTG
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TTAGATTTGGCTCAGAAACAGAATGCGGTACTTATAAAGCAGAATAAAGGGGAGAACAGTAGTAGTTGA
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CTTTTTGAGGTGCAAAAGGAAGGTACCAGAACTGGAATCACATGTAATCAATCAGTGTGATTTCCCT
CATACCACACAGCCATAGGCTGCAGTGTGGCTGTGAAGTTCAATTGATATAAAGTAAATCAGGCTTCA
AAAAGAAATGGTGTGTGGGTACACAAGGACATAAAGATGGGAACGATAGACACTGAGGACTGCGGCGGG
GGGAGCGAGGGGAGCGGGGAGGGCAAGGGCTGAAAGACTATGTATTGGTACTATGCTCACAACCTGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_006100.4](#)

Summary: The protein encoded by this gene is a member of the sialyltransferase family. Members of this family are enzymes that transfer sialic acid from the activated cytidine 5'-monophospho-N-acetylneuraminic acid to terminal positions on sialylated glycolipids (gangliosides) or to the N- or O-linked sugar chains of glycoproteins. This protein has high specificity for neolactotetraosylceramide and neolactohexaosylceramide as glycolipid substrates and may contribute to the formation of selectin ligands and sialyl Lewis X, a carbohydrate important for cell-to-cell recognition and a blood group antigen. [provided by RefSeq, Apr 2016]

Locus ID: 10402

MW: 76.2