

Product datasheet for **MC200756**

St6galnac2 (NM_009180) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St6galnac2 (NM_009180) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	St6galnac2
Synonyms:	II; Siat7; Siat7b; ST6GalNAc
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010208 sequence for NM_009180
 GCCGGGGGCTCGGTGAGCAGGGCGCAGACGGGGCCACCCCGCCAGGCTCACATGGACCTCCCGCGCC
 GCTGGCTCTTTTCGGATGTTGTTGCTCGTTGCCACCAGCTCTGGGATCCTCCTCATGCTGACTCCTCGGC
 GGGCAGCAGTCCCTGAGACCCAGGTTCCCGCCAGGAACATGGCGTACCCACGAGCATTCTTTGACCCC
 AAACCACCGAATTCGGAACAGAAAGACCGACTTTGCCAACACTCGCTGTCCCTGGCCATTCAGAAGG
 ACCGTCGCTTCCGACGCTGTTTACCTCTCCACCCGGTCTGCTGTGGGAGGGCTCTTCACTCAGGA
 ACTCTGGAATAATCTGAGCCAGCACAAAGTCCCTACGGATGGCAGGGGCTCTCCACGAAAGTATTGCC
 TCTACCTGAGACTTCTGAAAAGCCGGAGAGCGGGGAGCTGTTTGGTGGCCCCAGGAACTACCTCTAA
 GCTGTATTGCTGTGCCGTGGTGGTAACGGAGGTATTCTGAATGGTCCCGGCAGGGCCAGAAAATCGA
 TGCTCATGACTATGCTTTCAGACTCAATGGCGCCATAACCGAAGGCTTTGAGCGGACGTGGGCACTAAG
 ACCTCCTTCTACGTTTACCGTGAACACCATGAAGAAGTCTGCTCATCTCCTACGCCAAACTGGGCTTCA
 CCTCTGTGCCACAAGGGCAGAACCTGCGCTACATCTTATCCCTCCAGCATCCGTGACTACCTGATGCT
 GAGATCCGCCATCCTGGGTGTGCCTGTTCCAGAAGGTCCTGATAAAGGGGACAGGCTCACACCTATTTT
 GGACCGGAAACCTCTGCCAGTAAATTCAAGCTCCTGCACCAGACTTCATCAGCTACCTGACAGAGAGGT
 TTCTGAAATCCAAGCTGATTAACACACGATTTGGAGACATGTATATGCCTAGCACGGGAGCGCTCATGCT
 GCTGACAGCCTTGACACCTGTGACCAGGTGAGTGCCTACGGATTCATCACAACAACACTACCAGAAATAC
 TCAGACCACTATTTGAAACGAGAAAAGAAACCACTGATATTCTACGCAAAACCAGACCTGTCCCTGGAAG
 CTTGCTATGGCGAGACCTGCACAACGCCGGCATCCTTTGGCTGTACCAACGCTGACCCCAAAGTACCGG
 ATTTCTGTGCTCAAAGCACTTTTTTTGACCTTTCAACTTCTGGAAGAGGCAACACTCCCTTTGGCCCT
 CTACTTCCAACAGAGGGTATTGAGACAAGACCCGTACATAAATACCAGAGCCTGTTCAATGCACGACAC
 TGTACCGGTCAAGACAACCTCTTCTGAGCTTAGCCGAGGGAGGGAAGACTGCTTTGTAGGATTCGTTTT
 AAAACTGAACATTAATGAGACAATGATGCTCACCAGCAAACAGGCGGGCAGGCACATCTCAGAGCTAAG
 TAGTCCAAGCCAGCACCTGGCCCTGGGCAACTAGAAACATTGATGGAACCACTCAGGGCTATCCAGGAA
 CCTCGATCGAGCAGACTGAAACCAATGGCATGTTGAGTCCCAAATGCCAAAGCCATTCAACCTAGAACA
 CCTTAGGCATTATAGGAACAGGACACTTCTGCCTCCTGATAGAGGATGAGAAAACAGAGGCAGAATGTAGT
 TTGAAGCTAGATAATAGGGTGTGATGGATGACCATTTTGTCTTTTTTGTGTTGGTAGAGTAGAAGACACA
 AACTCCAAGTGGTGTGCTGGAGGGAAGGGTGTGGTGGCACTCAGGACAGAGTTTGGTGGCACCTGCA



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CCGAGGTTTCAGGCTAGGAGTACCTAGCACCAAAGAGACAACTTTGTGTAAGTCGCCACCACTGAGTCTC
ACTGGAGAGGCACATCAGTCCTTGTACCAACAGGAACTGAGTGATGGACCCTCACTTCACAGCTTCAA
TAAACAGCACCTGATGCAGTCCAATGAGCTTTCCACATTTCCAGTCTCATCCAACAAATTATCATGCA
GGCCCTAAGCTGAAGGGCTGGGACGGGGACTGGGTATCTCTAGGGACTAAGGACCAGATAACCTCAAAAC
AGCCCACCCACTGGCCAACTACCAAAGCTGAGGACCGCCGACCATTGGTTCTGTGGCTTGGGAAAA
CTGCTGGTGACGGCTGGGAGTGGTGGTCAGCGCACTTATCCCAGTACTCAGGAAGGGCGAACAGACCAG
CCTAGGGCATCTAACAGACTAAAACCAAGCCCAAGTGGCAATGGTGGCTTCCATCTTGACCACAACAGAA
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CCGTA AAAACACAGCCTCTTGCAGCAGGAGTGAATGGCTGTCCTACCTTTTGACGGACTCCATCAGAT
AGCCCTGTGAGTCTGCAGACTACCCGTAGACCCTCAGTACACTCCCATCAAATGTGCAGACACACGAG
TGTCTTTACCAATGCTCCATTTAAGAGCTATTGTTTATACATGAGGTTTTGCCTGTTGTGTGGCCTGT
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ACCACCGATGGTTGAGGTGTTATGCAATGTTAACCTATGCTTTAAGTGACAAGTAAATTTTAGCAAGTC
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TTCCAGGAAATCCACTGTGAGAAATGCTTTTCTCGGCTTAGCAGGGGCCTCCCCAGGGCCTCCGACTGAG
CGCCCTCACAGCTAGCTGTCAAAGGCTTCCGAGGGTGACCACAGTCACGAGGCCTTACTGGCTCCTCTT
GCAGAACAACTCCAAGGTGCTGTGATGACTCTTTGGGAAATTAAGGCAGGAGCAGCAGCAGGCTATGT
GGTTCTCTCTGGCACTACAGGGCAATAACCTAGAAACAAGGAAAGAACCTGAAGGAGACAGGCAGCTAAG
TGATCAAACTACAACTTTAGGAACAAGCATTATCAGATAGTCTGGGATTTACGCCGCATCACAAAGG
CACTGTGTGCGCTACACACAGGCAGGCACCAGCCAAGTTCAGAAGCAGGCTGCTAACTTTTTTTTTAAAA
GAAAGTTTTAAGAAGTTCTGGTAGGGCTGGTGAGATGGCTCAGTGGGTAAAGACACCCGACTGCTCTTC
CGAAGGTCAGAGTTCAAATCCCAGCAACCACATGGTGGCTCACAAACCATCCGTAATGAGATCTGGCGCC
CTCTTCTGGAGTGTCTGAAGACAGCTACAGTGTACTTATAA

Restriction Sites: RsrII-NotI

ACCN: NM_009180

Insert Size: 963 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC010208](#)

RefSeq Size: 3541 bp

RefSeq ORF: 963 bp

Locus ID: 20446

UniProt ID: [P70277](#)

Cytogenetics: 11 E2

Gene Summary: Catalyzes the transfer of N-acetylneuraminyl groups onto glycan chains in glycoproteins.
[UniProtKB/Swiss-Prot Function]