

Product datasheet for **RN213573**

St6galnac1 (NM_001105859) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St6galnac1 (NM_001105859) Rat Untagged Clone
Tag:	Tag Free
Symbol:	St6galnac1
Synonyms:	Siat7A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213573 representing NM_001105859
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAACCCTTGTAGAGGGCTTTCCAGGGGCAAACCTTCTGCTTCTGACTGGGTTGATGTTGCTCT
 TTATCCTGCCCTCCGTTGTCAAGGAGCCAAGCACAAAGGTTTCCAGGTACCAATTTATAGAGGACAATGA
 ATCAAGTCTGCAGGGGTTCCACAAAAGCCTGCACCCCAAGGACCCATCGTGACCCTGACACCCACAGTT
 CACAACAAGAAGACAACCTCTGTCAAGGAAAGTGGGTGGAGCTGCAGAAACAGGACAGAGCGACAGCCC
 GAGGAGAGCGAGGAGAGGGGGTGGAGAAGAAGTTGCAAGCTATAAGGCTAGCACCAGAGAATCCTAAGGG
 CAAGGCAGAACCTGAGGTAAAGACGCCTGCTTCAAACATCTGGACAACTACCAAGAGCTACAGGAGCA
 CTGTCAACAAGGAAGACACAAATGGCCACAGGAGCTGCCCCAGCCAAGAAGAAGTGGTCCAGCCCACCC
 CAACCCCTGCCTTTTCCACACCTCACCACACAAAGACGCCAAAGGTTGAAGGCCTCCGACTTCAAGTC
 TGAGCCTCGGTGGGATTTGAGGAGGAATATAGCTTGGATGGGGGCAGCCTACAGACGACCTGCCCTGGC
 TCTGTGAAGATCACGGCTTCCATTACCATGGCTACAAAATATCTTTCTGCCAACATCACTCTGTTC
 TGGACTCTGGGCGCTTCAACCAGAGCGAGTGGTACAGGCTAGAGCACTTCACTCCACCCTTCGGTTCAT
 GGAGCTCAATCAGTCCCTGGTACAGAAGGTGGTGGAGCCGTTCCCTCCGGTACCCAGCAGCAGCTCCTC
 CTTGCCAGCCTCCCCTAGGAACCTGACGTGTATCACCTGTGCTGTAGTGGGCAACGGAGGCATCCTCA
 ATAATTCACGTATGGGCCAGGAGATAGACAGCCATGACTACGCTTCCGACTGAGTGGAGCCGTTATTAA
 AGGATATGAACAGGATGTGGGGACCCGGACATCCTTCTATGGCTTCACTGCCTTCCCTGGTCCAGTCT
 ATCCTCAATTTGGGTCGTAAGGTTTCCAGCATGTGCCTCTGGGAAGGATGCCGATATCTACACTTCC
 TGAAGGCACCCGGGACTATGAGTGGCTGGAAGCTATGTTCTTGAATCGGACCATGGCAAATACTAACT
 TTAAGGTTTCAAGCATAGACCCAGGAAGCCTTTAGAGAGGCCTTGGACTTGGATCGATACTTTCTGGTA
 CACCCAGACTTTTCCGTTACATGAAGAACAGGTTTTTGGAGTCAAGACCCCTGGACACTGCCACTGGA
 GACTATACCGCCCCACCACTGGTGCCTCCTGCTGCTTACAGCCCTTCACTCTGTGACAAGGTGAGCGC
 CTATGGCTTCACTACCCAGGGCCACGAGCGCTTCTGATCACTACTATGATACATCGTGGAAACGGCTC
 ATCTTTTACATAAACCATGACTTCGCGTTAGAGAGAACGGTCTGGAAGAGGCTGCATGATGAAGGCATCA
 TCCAGCTGTACCAGCGCCCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001105859

Insert Size: 1563 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: [NM_001105859.1](#), [NP_001099329.1](#)

RefSeq Size: 2432 bp

RefSeq ORF: 1563 bp

Locus ID: 287920

Cytogenetics: 10q32.2