

Product datasheet for RN203208

St6galnac3 (NM_019123) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: St6galnac3 (NM_019123) Rat Untagged Clone
 Tag: Tag Free
 Symbol: St6galnac3
 Synonyms: Siat7c
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN203208 representing NM_019123
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTGCATCCTCAAGAGGAAGCCTGCGCTTGGGTGAGCTTCATAGCCCTGTGCATCTTGCTGCTAG
 CCATGCGCCTTGCCAATGACGTGACTTTCCCTTTGCTCCTGAACCTGCTTTGGACAACCTAAAACCAATG
 GATCCCTTTGCTCCTACACTCAGGCAGCCTCTCAAACCTCACTATGGATACATAAACGTGAGGACCCAA
 GAGCCTTTGCAGCTGAACGTAAACATTGTGCCGTCGTGTCGAACTCGGGTCAGATGTTGGACAGAAGG
 TGGGGGAAGAGATAGACCGTGCCTGTCATCTGGAGAATGAACAATGCCCCACCAAGGGTTTCGAGGA
 AGATGTCGGCTACATGACGATGGTCCGAGTGGTGTACACACCAGCGTCCCTCTCTTGCTGAAAAACCCG
 GACTATTTTTTCAAGGAGGCGAGCACAACATTACGTCACTGCGGGCCCTTTCCGCAACATGAGGAAGG
 ACGGGAACGGGATCGTGTACAACATGCTAAAGAAGACGGTCGACGCCTACCCAGACGCGCAGATCTACGT
 GACCACGGAGCAGCGGATGACGTACTGCGACGGGGTGTAAAGGATGAACTGGGAAAGACAGAGTCCAG
 TCTGGCTCCTATCTCAGCACCGGGTGGTTCACCTTTATCCTGGCCATGGACGCCTGCTACAGTATCCAG
 TCTACGGGATGATAAATGAGACCTACTGCACGACAGAAGGGTATAGAAAAGTCCCCTATCATTACTGA
 ACAAGGGAAGGACGAGTGTAAACGAGTATCTTCCATGAACATGCCCCATACGGGGGACACAGGTTTCATC
 ACCGAGAAGAAAGTGTGGCCAAGTGGCCAAGAAACACAGAATAGTATTTACACACCCAAACTGGACAG
 TGTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_019123
 Insert Size: 918 bp



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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:	<ol style="list-style-type: none">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_019123.1 , NP_061996.1
RefSeq Size:	2956 bp
RefSeq ORF:	918 bp
Locus ID:	29758
UniProt ID:	Q64686
Cytogenetics:	2q45
Gene Summary:	GalNAc alpha-2,6-sialyltransferase that forms a ganglioside G(D1alpha) from G(M1b). [RGD, Feb 2006]