

Product datasheet for **RN200445**

St6gal1 (NM_147205) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St6gal1 (NM_147205) Rat Untagged Clone
Tag:	Tag Free
Symbol:	St6gal1
Synonyms:	Siat1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200445 representing NM_147205 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGATATTTGTTGTTCTGGTATGGATTGCCTCACTCGTATTCTCAGTGTGTCTGTCATTGGACCCAG
CCAGTGGCATCTTTGAAAATGAGCCATTATTATCTTTATTGCTTCTGCTCCTGGGCAAGTTAGTCACCAC
AGAAAAGCGCTTCTCAAGGACAGTTTGTACACCGAAGGAATCCTAATTGTATGGGACCCATCCGTGTAT
CATGCAGATATCCCAAAGTGGTATCAGAAACCAGACTACAATTTCTTCGAAACCTATAAGAGTTACCGAA
GGCTGAACCCAGCCAGCCATTTTATATCTCAAGCCCCAGATGCCATGGGAACTGTGGGACATCATTCA
GGAAATCTCTGCAGATCTGATTCAGCCAAATCCCCATCTCCGGCATGCTGGGTATCATCATCATGATG
ACGCTGTGTGACCAGGTAGATATTTACGAGTTCCTCCCATCCAAGCGCAAGACGGACGTGTGCTATTATC
ACCAAAGTTCTTTGACAGCGCTTGCACGATGGGTGCCTACCACCCGCTCCTCTTCGAGAAGAATATGGT
GAAGCATCTCAATGAGGGAACAGATGAAGACATTTATTTGTTGGGAAAGCCACCCTTTCTGGCTCCGG
AACATTCGTTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_147205
Insert Size:	645 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:	<u>NM_147205.2</u> , <u>NP_671738.2</u>
RefSeq Size:	3248 bp
RefSeq ORF:	645 bp
Locus ID:	25197
UniProt ID:	<u>P13721</u>
Cytogenetics:	11q23
Gene Summary:	may be involved in cell-type specific terminal glycosylation [RGD, Feb 2006] Transcript Variant: This variant (2) has an alternate 5' sequence, as compared to variant 1. The resulting isoform (2) has a shorter and distinct N-terminus, as compared to isoform 1.