

## Product datasheet for **RN203479**

### St3gal4 (NM\_203337) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** St3gal4 (NM\_203337) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** St3gal4  
**Synonyms:** siat4c  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN203479 representing NM\_203337  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGACCAGCAAATCTCACTGGAAGCTCCTGGCCTTGGCTCTGGTCTTGTGTTGTCATGGTGTGGTATT  
CCATCTCCCGAGAAGACAGGTACATTGAGTTCTTTTATTTCCCGTCTCCGAGAAGAAAGAGCCATGCTT  
CCAGGGTGAGGCAGAGAGGCAGGCTCTAAAATTTTCGGCAACCATTCTAGGGAACAGCCATCTTTCTG  
CAGCTTAAGGATTATTTCTGGGTAAGACACCATCCGCCTATGAGTTGCCCTTTGGGACTAAAGGAAGTG  
AAGATCTTCTTCCGGGTGTTGGCCATCACCAGCTACTCTATACCCGAGAGCATACAGAGCCTCGAGTG  
TCGTCGGTGTGTTGTGGTGGGAATGGGCACCGGTTAAAGAACAGCTCACTGGGAGGTGTTATCAACAAG  
TACGATGTGGTCATCAGATTAACAATGCTCCTGTAGCCGGTTATGAGGGAGACGTGGGCTCCAAGACCA  
CCATACGTCTTCTATCCTGAGTCGGCCACTTCGACCCTAAGATAGAAAACAACCCAGACACGCTCTT  
GGTCTGGTAGCTTTCAAGGCGATGGACTTCCACTGGATTGAGACCATCTTGAGCGATAAGAAGCGGGTG  
CGAAAAGGTTTCTGGAAGCAGCCTCCCTCATCTGGGATGTCAACCCAAACAGATCCGGATTCTAAACC  
CCTTCTTTATGGAGATTGCCGCGACAAGCTCCTGAGCCTGCCATACAACAGCCTCGAAAGATCAAGCA  
GAAGCCAACACGGGTCTGCTAGCCATCACCTTGGCCCTACACCTCTGCGACTTGGTGCACATCGCCGGC  
TTCGGCTATCCAGATGCCTACAACAAGAAGCAGACCATCCACTACTATGAACAGATCACACTCAAGTCTA  
TGGCGGGCTCAGGCCACAATGTCTCCAAGAGGCTGTAGCCATCAAGCGGATGCTAGAGATGGGAGCTGT  
CAAGAACCTCACATACTT**CTGA**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_203337



[View online »](#)

<b>Insert Size:</b>	1002 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_203337.2</a> , <a href="#">NP_976082.1</a>
<b>RefSeq Size:</b>	2093 bp
<b>RefSeq ORF:</b>	1002 bp
<b>Locus ID:</b>	363040
<b>UniProt ID:</b>	<a href="#">P61131</a>
<b>Cytogenetics:</b>	8q21
<b>Gene Summary:</b>	plasma membrane-specific alpha 2,3- sialic acid transporter; may be important for protein amino acid glycosylation [RGD, Feb 2006]