

Product datasheet for **MC205039**

St3gal4 (NM_009178) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St3gal4 (NM_009178) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	St3gal4
Synonyms:	SIAT4-C; Siat4c; ST3Gal IV; ST3GalIV
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC050773
 AGGGACCGGGCCGAGCGGAGCCACTGCGCCAGTCTGCCCGCCAGTCGGGGCGCCTAACGGATCGGAGC
 TCGCGCGGGATTTACCTCGCCCCGCCCGCTCCACCCGCGAGGGTGGCCCCGAGGCAGCCGGGATGACACT
 TCTCCCCAGGAACCTGTATCTGCTGAGAAACATGACCAGCAAATCTCACTGGAAGCTCCTGGCCCTGG
 CTCTGGTCCTTGTGTTGTCATGGTGTGGTATTCATCTCCGAGAAGATAGGTACATTGAGTTCTTTTA
 TTTTCCCATCTCAGAGAAGAAAGAGCCATGCTTCCAGGGTGAGGCAGAGAGACAGGCCTCTAAGATTTT
 GGCAACCGTTCTAGGGAACAGCCCATTTCTGCAGCTTAAGGATTATTTTTGGGTAAGACGCCATCCA
 CCTATGAGCTGCCCTTTGGGACTAAAGGAAGTGAAGACCTTCTTCCGGGTGCTGGCCATCACTAGCTA
 TTCTATACCTGAGAGCATAAAGAGCCTCGAGTGTGTCGTCGCTGTGTTGTTGGTGGGAAATGGGCACCGTTG
 CGGAACAGCTCGCTGGGCGGTGTCATCAACAAGTACGACGTGGTTCATCAGATTGAACAATGCTCCTGTGG
 CTGGCTACGAGGGAGATGTGGGCTCCAAGACCACCATACGTCTTCTATCCTGAGTCGGCCACTTTGA
 CCCTAAATAGAAAACAACCCAGACAGCTCTTGGTCTGGTAGCTTCAAGGGATGGACTTCCACTGG
 ATTGAGACCATCTTGAGTGATAAGAAGCGGGTGCGAAAAGGCTTCTGAAACAGCCTCCCCTCATCTGGG
 ATGTCAACCCCAAACAGGTCCGGATTCTAAACCCTTCTTTATGGAGATTGCAGCAGACAAGCTCCTGAG
 CCTGCCATACAACAGCCTCGAAAGATCAAGCAGAAGCCAACCACGGGTCTGCTAGCCATCACCTTGGCT
 CTACACCTCTGCGACTTGTGACATTCGCTGGCTTTGGCTATCCAGATGCCTCCAACAAGAAGCAGACCA
 TCCACTACTATGAACAGATCACACTTAAGTCTATGGCGGGATCAGGCCATAATGTCTCCCAAGAGGCTAT
 CGCCATCAAGCGGATGCTAGAGATGGGAGCTGTCAAGAACCTCACATACTTCTGACTTGGATGGGAGCTG
 TAACACCTTGGTTCCTACTTTGCCATCTGAGTAGGCCCTGTCTACAGCTTAGAGGTTCTGGTGCCAGT
 ACAATCCAATTGAACTCACCCCTCAATGGAGAGGGTGTCTGGGGCTGTCCAGGTCTCCAGAGAGGCTATG
 CCCCTGCCTACTTTGGTGGATTTCAAATCCAGACAGGGTAGTCACACCGAGGCTACAGGAGCCTGGCTAA
 AGGGGGGGGGGGGGTGTGTTACTGTGGCATCCCCTCTCAGCCAGCACAAGAGCTGTTTTGTTTTG
 TTTTGTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTG
 GTTTTTGTTTTGTTTTGTTTTGTTTTGAGACAGGGTCTGACTGTGAAACCCTGGCTAATCTGGAATCAC
 TATGTAGACCAGACTGGTCTTGAACCTCACAGAGATCCAACCTGCCTTTGCCTCCCAAGTGTGGGATGAAA
 GGCATGTACTACGCCTGGCCCCAACACCAAGAGATTATTTAACATTCTATTTAATTAAGGGGTAGGAAAA
 TGAATGGGCTGGTCCCAGGATGTTTCATGAAAGGGACACAATACAGTGTCTGCCACTTTTTAATAAAAT
 TTACATGTGATTGGCCTGTTAAGGCCAATTCTAGAGCTGGCCTCCAGAAAAGATGGAGGCATCAAGAGT
 GGGAGGGTGTCTCCAGAGAGAGTTGCTACTTCCAGCAGGCATGGGGGAGCATTGACAAGGGGGTTC
 CACCTAGAAGGGCCTCACCTTAAAAAGAGTTGTAAGAACCATTAATAATTTTTTTTTTCTAAAATGC
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Sfil-Sfil

ACCN: NM_009178

Insert Size: 1002 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: [BC050773](#), [AAH50773](#)

RefSeq Size: 2060 bp

RefSeq ORF: 1002 bp

Locus ID: 20443

UniProt ID: [Q91Y74](#)

Cytogenetics: 9 A4

Gene Summary: Catalyzes the formation of the NeuAc-alpha-2,3-Gal-beta-1,4-GlcNAc-, and NeuAc-alpha-2,3-Gal-beta-1,3-GlcNAc- sequences found in terminal carbohydrate groups of glycoproteins and glycolipids.[UniProtKB/Swiss-Prot Function]