

Product datasheet for RN213634

St3gal2 (NM_031695) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St3gal2 (NM_031695) Rat Untagged Clone
Tag:	Tag Free
Symbol:	St3gal2
Synonyms:	Siat4b; Siat5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213634 representing NM_031695 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGTGCTCCCTTCGAGTGTGGTTCCTCTCTATGGCCTTCCTGCTGGTGTTCATTATGTCTCTGCTCT
TCACGTAACACACCACAGCATGGCTACCTTGCCTACCTGGACTCGGGACTCTGGCGGAACACACCG
AGTGAAGCTGGTACCGGGCTATACTGGCAACAGCGCCTTGTCAGGAGGGGCTTCGGGAAAAGTTGT
ACCTGCAGTCGCTGCATGGGTGATGCCGACCTCTGAGTGGTTTGACAGCCACTTTGACAGTAACATCT
CACCTGTCTGGACGAGAGATAACATGAACCTCACCCGGATGTCCAGCGGTGGTGGATGATGCTGCAACC
CCAATTCGAAGTCACAAACACCAATGAAGTGTGGAGAAGCTCTTCCAGATCGTGCCCGGTGAGAACCC
TACCGCTTCCGGGACCCAGCAGTGGCGGCTGTGCTGTGGTGGGAACTCAGGCAACCTTCGGGGCT
CTGGCTATGGCAAGAAGTGGACAGCCACAACCTTATCATGAGGATGAATCAGGCACCGACTGTAGGCTT
TGAGAAGGATGTTGGCAGCCGAACAACCTCACATTTATGTACCCGGAGAGTGCCAAGAACCTGCCTGCC
AACGTGAGCTTTGTGCTGGTGCCTTCAAGGCCCTGGACCTGATGTGATTGCCAGCGCCCTCTCCACAG
GACAGATCCGATTCACCTATGCTCCAGTGAAGTCCCTTTCGAGTGGACAAAGAGAAGTCCAGATTTA
CAACCCAGCCTTCTTCAAGTACATCCATGACAGGTGGACCGAGCACCATGGCCGCTACCCCTCCACAGGA
ATGCTGGTGTCTTCTTTGCACTACACGTGTGTGATGAGGTGAACGTGTATGGGTTCCGGGCCGACAGCC
GTGGCAACTGGCACCCTACTGGGAGAACAACCGGTACGCGGGCGAGTTCGGGAAGACAGCGGTGCATGA
TGCCGACTTCAAGCCACATCATTGACATGCTGGCCAAGGCCAGCAAGATTGAAGTCTACCGAGGGAAC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_031695



Insert Size:	1053 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:	<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_031695.2</u> , <u>NP_113883.2</u>
RefSeq Size:	3221 bp
RefSeq ORF:	1053 bp
Locus ID:	64442
UniProt ID:	<u>Q11205</u>
Cytogenetics:	19q12
Gene Summary:	Gal beta 1,3GalNAc alpha 2,3-sialyltransferase with potential substrates of asialo-GM1 and GM1 [RGD, Feb 2006]