

Product datasheet for RN200824

St8sia3 (NM_013029) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St8sia3 (NM_013029) Rat Untagged Clone
Tag:	Tag Free
Symbol:	St8sia3
Synonyms:	Siat8c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200824 representing NM_013029 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAAATTGCAAATGGCCCGAGTCGCCAGTACTAGGGCTGGTCATGCTCAGCGTGGCCCTGCTGA
TTTTATCGCTTATCAGCTACGTGTCCTGAAAAAGGAGAACATCTTCACCACTCCCAAGTACGCCAGCCC
GGGGGCGCCCGAATGTACATGTTCCACGCGGGATTCCGGTCACAGTTTGCCTGAAGTTTCTAGAACC
TCATTTGTGCCATTACGAATTTCTCACCATGAACCCAAGAGAAACCTTCTAAATGGACATTTAATC
GGACAGCGTTTTTACATCAAAGGCAAGAAATCTTCAGCATGTCGATGTAATAAAAAATTTTCTTTAAC
CAAGAATAGTGTTCGGATCGGACAACCTGATACATTACGATTATTCCAGCCATAAATATGTTTTCTCTATT
AGCAATAACTTCCGGTCCCTGCTCCAGATGTGTCGCCATTCTGAATAAGCGTTATAACATTTGTGCTG
TGGTCGGAAACAGTGGAATCTTGACAGGGAGTCAGTGTGGACAAGAAATAGATAAATCGGATTTTGT
TCGGTGAATTTTGCCTCGACAGAGGCTTTCCACAAAGATGTTGGAAAGAAAACCAACCTCACAACCTTC
AATCCTAGCATCTTGAAAAATATTACAACAACCTTTAAACATCCAGGACCGTAACAACCTTCTCCTCA
GTTTAAAAAGCTCGACGGGGCCATTCTCTGGATCCCGCATTTTCTTCCACACTTCTGCGACTGTAAC
CAGAACCTTAGTGGATTTTTCGTTGAGCACAGAGGTCAGTTAAAGTCCAGTTGGCTTGGCCTGGAAT
ATCATGCAACATGTCAACAGGTAAGTGGAAAAACAACACTTGTCAACCAACGACTGAGCACAGGTTTCC
TAATGTACACCCTTGATCTGCAATATGTGAAGAGATCCACTTGTACGGTTTCTGGCCTTTCGGATTTGA
CCCCAACACCAGGAGGATCTGCCTACCACTACTATGACAAAAAGGAACCAATTTTACCACCAAGTGG
CAGGAGTCTACCAAGCTGCCTGCTGAGTTTTCAGCTGCTCTATCGAATGCATGGGGAAGGGCTCACAAAGC
TCACTCTGTCACACTGTGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_013029
Insert Size:	1143 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_013029.1, NP_037161.1</u>
RefSeq Size:	1426 bp
RefSeq ORF:	1143 bp
Locus ID:	25547
Cytogenetics:	18q12.1
Gene Summary:	alpha2-8 sialyltransferase, a key enzyme for the synthesis of c-series gangliosides [RGD, Feb 2006]