

Product datasheet for RN202023

St8sia2 (NM_057156) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: St8sia2 (NM_057156) Rat Untagged Clone
Tag: Tag Free
Symbol: St8sia2
Synonyms: Siat8b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202023 representing NM_057156
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAGCTGCAGTTCGGAGCTGGATGCTGGCCGCGCTCAGCTGCTCGTGGTCTTCTCATCTTCGCAG
 ACATCTCAGAGATCGAAGAAGAAATCGGAATTCTGGAGGCAGAGGTACAATCAGATCAGCTGTGAACAG
 CTTACATAGCAAATCTAATAGAGCTGAAGTTGTAATAAATGGCTTTCACTACCAGCCGTTGCTGACAGA
 AGTAATGAAAGCCTTAAGCACAGCATCCAGCCAGCCTCATCCAAGTGGAGACACAACCAGACGCTCTCTC
 TGAGGATCAGGAAGCAAATTTAAAGTTCTGGATGCAGAGAAGGATATTTCTGTCTTAAGGGGACCCT
 GAAGCCTGGAGACATTATTCATTATATCTTTGATCGAGACAGCACAATGAACGTGTCCCAGAACCTCTAT
 GAACTCTCCCCAGAACCTCACCTCTGAAGAATAAGCATTTCCAGACTTGTGCCATCGTGGGCAACTCAG
 GAGTCTTGCTCAACAGCGGCTGTGGCAGGAGATTGACACACACAGCTTTGTGATAAGGTGCAACCTGGC
 TCCAGTTCAGGAGTATGCCCGGGATGTGGGCCTCAAGACTGACCTAGTGACCATGAACCCCTCAGTCATC
 CAGCGGGCCTTTGAGGACCTAGTGAATGCCACGTGGCGGGAGAAGCTACTGCAGCGACTGCATGGCCTCA
 ATGGGAGCATACTGTGGATACCTGCCTTCATGGCCCGGGTGGCAAGGAGCGTGTGGAGTGGTCAATGC
 TCTCATCCTGAAGCACCATGTCAACGTACGCACAGCTTACCCTTCCCTGCGCCTGCTGCACGCAGTCCGA
 GGATATTGGCTGACCAACAAAGTCCACATCAAAGACCAACCACTGGCCTCCTGATGTACACCCTGGCCA
 CACGCTTCTGCAATCAGATCTACCTTTATGGCTTCTGGCCCTTCCATTGGATCAGAATCAGAACCCTGT
 CAAGTACCACTATTATGACAGCCTCAAGTATGGCTACACCTCCCAGGCCAGCCCCACACCATGCCCTTG
 GAATTCAGGGCCCTCAAGAGCCTACATGAACAGGGGCATTGAACTGACTGTGCGCCAGTGTGACGGGG
 CTACGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_057156
Insert Size:	1128 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_057156.1</u> , <u>NP_476497.1</u>
RefSeq Size:	1128 bp
RefSeq ORF:	1128 bp
Locus ID:	117523
UniProt ID:	<u>Q07977</u>
Cytogenetics:	1q31
Gene Summary:	human homolog catalyzes the polysialylation of the neural cell adhesion molecule NCAM and may play a role in neurogenesis [RGD, Feb 2006]