

Product datasheet for **MC207396**

St8sia2 (NM_009181) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: St8sia2 (NM_009181) Mouse Untagged Clone
Tag: Tag Free
Symbol: St8sia2
Synonyms: AI323367; Siat8b; ST8Siall; STX
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207396 representing NM_009181
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGCTGCAGTTCGGAGCTGGATGCTGGCCGCGCTTACGCTGCTCGTGGTCTTCTCATCTTCGCAG
ACATCTCAGAGATCGAAGAAGAAATCGGAATTCTGGAGGCAGAGGTACAATCAGATCAGCTGTGAACAG
CTTACATAGCAAATCTAATAGAGCTGAAGTTGTAATAAATGGCTCTTACCAGCCAGCTGTGCTGACAGA
AGTAATGAAAGCCTTAAGCACAACATCCAGCCAGCCTCATCCAAATGGAGACACAACCAGACGCTCTCTC
TGAGGATCAGGAAGCAAATTTTAAAGTTCTTGGATGCGGAGAAGGATATTTCTGTCTTAAAGGGACCTT
GAAGCCTGGAGACATTATTCATTATATCTTTGATCGAGACAGCACAATGAACGTGTCCCAGAACCTCTAT
GAACTCTCCCCAGAACCTCACCTCTGAAGAATAAGCATTTCCAGACTTGTGCCATCGTGGGCAACTCGG
GGTCTTGTCTGAACAGCGGCTGTGGCCAGGAGATTGACACACACAGCTTTGTGATAAGGTGCAACCTGGC
TCCAGTTCAGGAGTATGCCCGGGATGTGGCCCTCAAGACAGACCTAGTGACCATGAACCCCTCTGTATC
CAGCGGGCCTTTGAGGACCTTGTGAACGCCACGTGGCCGGGAGAAGCTGCTGCAGCGGCTGCACGGCTCA
ATGGGAGCATCCTGTGGATCCCTGCCTTCATGGCCCGGGTGGCAAGGAGCGTGTGGAGTGGTCAATGC
TCTCATCCTGAAGCACCATGTGAACGTGCGCACGGCTTACCCTTCCCTGCGCCTGCTGCACGCAGTCCGA
GGATATTGGCTGACCAACAAAGTCCACATCAAAGACCAACCACCGGCCTCTTGTATGTACACCCTGGCCA
CACGCTTCTGCAATCAGATCTACCTTTATGGCTTCTGGCCCTTCCACTGGATCAGAATCAGAACCCGT
CAAGTACTACTATTATGACAGCCTCAAGTATGGCTACACTTCCAGGCCAGCCCCACACCATGCCCTTG
GAATTCAGGGCCCTCAAGAGCCTACATGAACAGGGGCATTGAACTGACTGTGCGCCAGTGTGATGGGG
CTACGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



ACCN:	NM_009181
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_009181.2</u> , <u>NP_033207.2</u>
RefSeq Size:	5376 bp
RefSeq ORF:	1128 bp
Locus ID:	20450
UniProt ID:	<u>O35696</u>
Cytogenetics:	7 D1
Gene Summary:	May transfer sialic acid through alpha-2,8-linkages to the alpha-2,3-linked and alpha-2,6-linked sialic acid of N-linked oligosaccharides of glycoproteins and may be involved in PSA (polysialic acid) expression.[UniProtKB/Swiss-Prot Function]