

Product datasheet for MC213119

St8sia6 (NM_145838) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St8sia6 (NM_145838) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	St8sia6
Synonyms:	1700007J08Rik; AI314453; AI875066; Siat8f; ST8SiaVI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213119 representing NM_145838 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGATCGGGGGCAGCCTGTTTCGCCCTCATAGGCAGCCTGATGCTGCTGCTCCTCCTGCGTATGCTCT
GGTGCCCGACCGACGCGCTGCCGCTCCAGGCTGTTGATGGAGGGAAGCAGAGAGGACACCAGTGGTAC
CTCAGCTGCAGTGAAGACTCTGGAGCCGACAACCCCGGTACCACGCACCAGGAACAGCACATATCTG
GATGAGAAGACAACCAAATAACAGAGAAATGCAAAGATCTGCAATATAGCTTGAAGTCTTTATCTAACA
AAACGAGACGGTACTCTGAGGATGACTACCTCCAGACCATCACAACATACAGAGATGCCATGGAACCG
GCAAGCAGAAGAATATGACAATTTAGAGCAAACTGGCTTCTGTTGCGATGCCATTCAAGACTTCGTG
GTTTCCAGAAACAACACTCCAGTGGGGACTAATGAGCTACGAGGTGGAAGCAAGAAACATCCCCA
TTCCAGAGAACATTTCCACATGTTTCCAGTGTGCGAGCCTTTTGTGGACTATCCCTATAACCAAGTGTG
AGTGGTTGGTAATGGGGGAATTCACAAAGTCTCTGCGGAGCAGAAATTGATAAATCTGACTTCGTC
TTCAGGTGAACCTCCCCCAATCACAGGGAGCGCTAGTAAAGATGTTGGAAGCAAAACAAATCTTGTA
CTGTCAATCCCAGCATTATAACCTGAAGTACCAGAATTTGAAGGAGAAGAAAGCACAGTTTTGGAGGA
CATCTCCACCTATGGAGATGCATTCTCTCCTGCCAGCATTTTCTATCGGGCCAACACAGGCATCTCT
TTTAAAGTCTACCAAACTCAAAGAGTCAAAAATGAGGCAAAAGTTCTTTTCCATCCCAGGTACC
TGAGACACCTCGCTCTTTTCTGGAGAACTAAAGGGGTGACTGCATACCGCTTGTCCACAGGCTTGATGAT
TGCAAGTGTGCGTGTGGAAGTGTGAAAACGTGAAGCTCTACGATTCTGGCCTTTCTCTAAGACTATC
GAAGACACCCCACTCAGTCAACTACTATGATAACATGTTACCTAAGCATGGTTTCCACCAGATGCCTA
AAGAATACAGCCAAATGCTCCAGCTCCATATGAGAGGAATCCTCAAAGTCAATTCAGCAATGTGAAAC
GGCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145838
Insert Size:	1197 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:	BC115912 , AAI15913
RefSeq Size:	1345 bp
RefSeq ORF:	1197 bp
Locus ID:	241230
UniProt ID:	Q8K4T1
Cytogenetics:	2 A1
Gene Summary:	Prefers O-glycans to N-glycans or glycolipids as acceptor substrates. The minimal acceptor substrate is the NeuAc-alpha-2,3(6)-Gal sequence at the non-reducing end of their carbohydrate groups.[UniProtKB/Swiss-Prot Function]