

Product datasheet for MC209419

Sstr1 (NM_009216) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr1 (NM_009216) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sstr1
Synonyms:	Smstr-1; Smstr1; SRIF-2; SS-1-R; SS1-R; SS1R; sst1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209419 representing NM_009216 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCCCAATGGCACCCTCCTCTCCCTCCTTTCTCCAAGCCCCAGCCAGGCAGCTGCGGGGAAG
GAGCCTGCAGCAGGGTCCGGGTCGGCGCTGCGGACGGCATGGAAGAGCCTGGACGAAACGTTCCCA
GAATGGGACCTTAAGCGAGGGACAGGGTAGCGCCATTCTCATCTTTTCATCTACTCCGTGGTATGCTTG
GTGGGACTGTGTGGAACCTATGGTCATCTATGTGATCCTGCGCTACGCCAAGATGAAGACCGCTACCA
ACATCTACATTCTAAACCTGGCTATTGCTGATGAGCTGCTCATGCTCAGCGTGCCCTTTCTGGTCACTTC
CAGCGTGTGCGCACTGGCCCTTCGGCGCGCTACTTTGCGCCTGGTGCCTCAGCGTGGATGCGGTC AAC
ATGTTACCAGCATCTACTGTCTGACTGTGCTTAGTGTGGACCGCTATGTGGCTGTGGTGCACCCGATCA
AGGCAGCGCGCTACCGTCGGCCCACTGTGGCCAAAGTAGTGAACCTGGGCGTGTGGGTCCTGTCATTACT
GGTTATCTTGCCCATCGTGGTCTTCTCACGCCAGCCAGCCAACAGCGATGGCACGGTAGCCTGCAACATG
CTCATGCCCGAGCCCGCCAGCGCTGGTTGGTGGGCTTCGTCTTATACACATTTCTATGGGCTTCTGTC
TGCTGTGCGGGCCATTTGCCTGTGTTATGTGCTCATATTGCCAAGATGCGCATGGTGGCCCTCAAGGC
TGGCTGGCAGCAGCGCAAGCGCTCAGAGCGCAAGTCACTCTAATGGTGTGATGGTGGTGGTGGTGGTGGT
GTCATCTGCTGGATGCCCTTCTACGTGGTACAGCTGGTCAACGTGTTCCGGAGCAAGACGACGCCACCG
TGAGCCAGTTGTCTGTCTCCTGGGCTATGCCAACAGCTGTGCCAACCCATCCTCTACGGCTTCTGTGTC
GGACAACCTCAAGCGCTCTTCCAGCGCATCCTGTGCCTCAGCTGGATGGATAACGCTGCGGAGGAACCA
GTCGACTACTATGCCACTGCCCTGAAGAGTCGAGCCTACAGCGTGGAGGACTTCCAGCCCGAGAATCTGG
AGTCTGGAGGCGTTTTCCGTAATGGCACCTGCGCTTCCAGGATCAGCACGCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja3226_e08.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009216
Insert Size:	1176 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:	NM_009216.3 , NP_033242.1
RefSeq Size:	3869 bp
RefSeq ORF:	1176 bp
Locus ID:	20605
UniProt ID:	P30873
Cytogenetics:	12 25.61 cM
Gene Summary:	Receptor for somatostatin with higher affinity for somatostatin-14 than -28. This receptor is coupled via pertussis toxin sensitive G proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and Na(+)/H(+) exchanger via pertussis toxin insensitive G proteins.[UniProtKB/Swiss-Prot Function]