

## Product datasheet for RN209198

### Sstr1 (NM\_012719) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr1 (NM_012719) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sstr1
Synonyms:	Gpcrrna
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209198 representing NM_012719 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**C

ATGTTCCCAATGGCACC GCCCCCTCTCCACCTTTCTCCAGCTCCAGCCAGCGGCTGCGGGGAAG  
GAGTCTGCAGCAGGGTCCCGGGTCCGGCGCTGCGGACGGCATGGAAGAACCTGGACGAACTCTCCCA  
GAACGGGACTTTAAGCGAGGGTCAGGGTAGCGCCATTCTCATCTTTTCATCTACTCCGTGGTATGCTTG  
GTGGGACTGTGTGGAACTCCATGGTCATTTACGTGATCCTGCGCTACGCCAAGATGAAGACCGCAACCA  
ACATCTACATTCTAAACCTGGCCATTGCTGATGAGCTGCTCATGCTCAGCGTGCCCTTTCTGGTCACTTC  
CACGCTGTTGCGCCACTGGCCCTTTGGCGCGCTACTTTGCCGCTGGTGCTCAGCGTGGATGCAGTCAAC  
ATGTTACCAGCATCTACTGTCTGACTGTGCTTAGTGTGGACCGCTATGTGGCTGGTGCACCCGATCA  
AGGCAGCGCGCTACCGTCGGCCACTGTGGCAAAGTAGTGAACCTGGGCGTGTGGGTGCTGTCGCTACT  
GGTTATCTTGCCCATCGTGGTCTTCTCACGCACCGCAGCCAACAGCGATGGCACGGTGGCCTGCAACATG  
CTCATGCCGAGCCCGCCAGCGCTGGTTGGTGGGCTTCGTCTTATACACATTTCTCATGGGCTTCTGCG  
TGCTGTGCGGGCCATCGCTGTGTTACGTGCTCATCATTGCCAAGATGCGCATGGTGGCCCTCAAGGC  
CGGCTGGCAGCAGCGCAAGCGCTCAGAGCGCAAGATCACTCTAATGGTGATGATGGTGGTATGGTTTTT  
GTCATCTGCTGGATGCCTTTCTACGTGGTACAGCTAGTCAACGTGTTCCGCGAGCAAGACGACGCCACGG  
TGAGCCAGTTGTCTGTCATCCTCGGCTATGCCAATAGCTGTGCCAACCCATCCTCTACGGCTTCTGTG  
GGACAACCTCAAGCGCTCTTCCAGCGCATCCTGTGCCTCAGCTGGATGGATAACGCTGCGGAGGAGCCT  
GTTGACTACTACGCCACTGCCCTGAAGAGTCGTGCCTACAGTGTGGAGGACTTCCAGCCTGAGAATCTGG  
AATCTGGAGGCGTTTTCCGTAATGGCACCTGCGCTTCCAGGATCAGCACGCTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_012719
<b>Insert Size:</b>	1176 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_012719.2</a></u> , <u><a href="#">NP_036851.1</a></u>
<b>RefSeq Size:</b>	3906 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	25033
<b>UniProt ID:</b>	<u><a href="#">P28646</a></u>
<b>Cytogenetics:</b>	6q23
<b>Gene Summary:</b>	receptor for somatostatin; may play a role in thymocyte cell proliferation and differentiation [RGD, Feb 2006]