

## Product datasheet for **RR209198**

### Sstr1 (NM\_012719) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sstr1 (NM\_012719) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Sstr1  
**Synonyms:** Gpcrrna  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR209198 representing NM\_012719  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTTCCCAATGGCACC GCCCCCTCTCCACCTTTCTCCAGCTCCAGCCAGGCGGCTGCGGGGAAG  
GAGTCTGCAGCAGGGTCCCGGGTCCGGCGCTGCGGACGGCATGGAAGAACCCTGGACGAACTCTCCCA  
GAACGGGACTTTAAGCGAGGGTCAGGGTAGCGCCATTCTCATCTCTTTCATCTACTCCGTGGTATGCTTG  
GTGGGACTGTGTGGAACTCCATGGTCATTTACGTGATCCTGCGCTACGCCAAGATGAAGACCGCAACCA  
ACATCTACATTCTAAACCTGGCCATTGCTGATGAGCTGCTCATGCTCAGCGTGCCCTTTCTGGTCACTTC  
CACGCTGTTGCGCCACTGGCCCTTTGGCGCGCTACTTTGCCGCTGGTGTGCTCAGCGTGGATGCAGTCAAC  
ATGTTACCAGCATCTACTGTCTGACTGTGCTTAGTGTGGACCGCTATGTGGCTGTGGTGCACCCGATCA  
AGGCAGCGCGCTACCGTCGGCCACTGTGGCAAAGTAGTGAACCTGGGCGTGTGGGTGCTGTCGCTACT  
GGTTATCTTGCCCATCGTGGTCTTCTCACGCACCGCAGCCAACAGCGATGGCACGGTGGCCTGCAACATG  
CTCATGCCCGAGCCCGCCAGCGCTGGTTGGTGGGCTTCGTCTTATACACATTTCTATGGGCTTCTGCG  
TGCTGTGCGGGCCATCGCCTGTGTTACGTGCTCATCATTGCCAAGATGCGCATGGTGGCCCTCAAGGC  
CGGCTGGCAGCAGCGCAAGCGCTCAGAGCGCAAGATCACTCTAATGGTGATGATGGTGGTATGGTTTTT  
GTCATCTGCTGGATGCCTTTCTACGTGGTACAGCTAGTCAACGTGTTCCGCGAGCAAGACGACGCCACGG  
TGAGCCAGTTGTCTGTCATCCTCGGCTATGCCAATAGCTGTGCCAACCCCATCCTCTACGGCTTCTGTG  
GGACAACCTCAAGCGCTCTTCCAGCGCATCCTGTGCCTCAGCTGGATGGATAACGCTGCGGAGGAGCCT  
GTTGACTACTACGCCACTGCCCTGAAGAGTCGTGCCTACAGTGTGGAGGACTTCCAGCCTGAGAATCTGG  
AATCTGGAGGCGTTTTCCGTAATGGCACCTGCGCTTCCAGGATCAGCACGCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR209198 representing NM\_012719  
Red=Cloning site Green=Tags(s)

MFPNGTAPSPTSSPSSSPGGCGEGVCSRGPVGSAAADGMEEPGRNSSQNGTLSEGQGSAILISFIYSVVCL  
 VGLCGNSMVIYVILRYAKMKTATNIYILNLAIADLEMLL SVPFLVTSTLLRHWPFGALLCRLVLSVDAVN  
 MFTSIYCLTVLSVDYVAVVHPKAARYRRPTVAKVVNLGVVLSLLVILPIVVF SRTAANS DGTVACNM  
 LMPEPAQRWL VGFVLYTFLMGFLLPVGAICLCYVLI IAKMRMVALKAGWQQQRKRSERKITLMVMVMVVF  
 VICWMPFYVVQLVNVFAEQDDATVSQLSVILGYANSCANPILYGF LSDNFKRSFQIRLCLSWMDNAEEP  
 VDYATALKSRAYSVEDFQOPENLESGGVFRNGTCASRISTL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

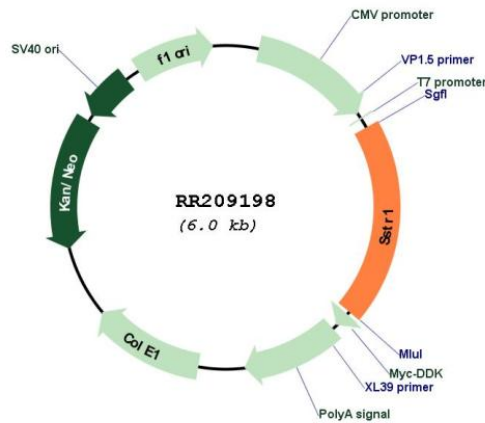
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_012719

<b>ORF Size:</b>	1173 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_012719.2</a> , <a href="#">NP_036851.1</a>
<b>RefSeq Size:</b>	3906 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	25033
<b>UniProt ID:</b>	<a href="#">P28646</a>
<b>Cytogenetics:</b>	6q23
<b>MW:</b>	42.7 kDa
<b>Gene Summary:</b>	receptor for somatostatin; may play a role in thymocyte cell proliferation and differentiation [RGD, Feb 2006]