

## Product datasheet for RN212792

### Sstr4 (NM\_013036) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr4 (NM_013036) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sstr4
Synonyms:	Smstr4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212792 representing NM_013036 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACACGCCTGCAACTCTGCCCTGGGGGCGAGGACACCACCTGGACCCCTGGGATCAACGCCAGCT  
GGGCTCCGGATGAGGAGGAGGATGCAGTGCAGTCCGACGGCACGGGGACAGCGGGCATGGTAACTATCCA  
GTGCATCTATGCGCTCGTGTCTGGTGGGCTGGTAGGAAACGCCCTGGTCATATTCGTGATCCTACGC  
TATGCCAAAATGAAGACAGCCACCAACATCTACCTGCTCAACCTGGCCGTCGCTGATGAGCTCTTATGC  
TCAGTGTGCCATTTGTGGCTCGGCGGCTGCCCTGCGCCACTGGCCGTTCCGGGGCGTGTGTGCCGCGC  
AGTGCTTAGTGTGGACGGCCTAACATGTTACAGAGTGTCTTCTGCCTCACAGTGCCTCAGCGTGGATCGC  
TATGTGGCTGTAGTGCACCCCTCTGCGAGCTGCCACCTACCGCGGCCAGCGTGGCCAAGCTAATCAACC  
TGGGAGTGTGGCTAGCATCCTTGCTGGTCAACCCTGCCATCGCAGTCTTCGCTGACACTAGGCCAGCTCG  
TGGGGGTGAGGCAGTAGCTTGAACCTGCACTGGCCTCACCCGGCCTGGTCTGCAGTCTTTGTGATCTAT  
ACTTTTTGTGGCTTCCCTACTCCCGTTCTGGCTATCGGATTATGTTACCTGCTTATCGTGGCAAGA  
TGCGTGTGTGGCCCTGCGGGCTGGCTGGCAACAACGGAGGCGCTCAGAGAAGAAGATCACTAGGCTCGT  
GCTAATGGTGGTACTGTCTTTGTGCTATGCTGGATGCCATTCTATGTAGTGCAGCTTCTGAATCTGTTT  
GTCACCAGCCTCGATGCCACTGTCAACCATGTGTCCCTCATCTCAGCTATGCCAACAGCTGTGCCAAC  
CGATTCTATGGTTTCCCTCTCAGACAACCTCCGACGCTCTTTCCAGCGGGTTCTGTGCCTGCGCTGCTG  
TCTCTGAAACAACCTGGAGGTGCTGAGGAAGAGCCCTGGACTACTATGCTACTGCTCTCAAAGCAGA  
GGTGGCCAGGATGCATATGCCCTCCATTGCCCTGCCAGCAGGAGCCCATGCAAGCAGAACCTGCCTGCA  
AGCGAGTCCCTTTCACCAAGACCACTACTTTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Chromatograms:</b>	<a href="https://cdn.origene.com/chromatograms/ja3476_c05.zip">https://cdn.origene.com/chromatograms/ja3476_c05.zip</a>
<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_013036
<b>Insert Size:</b>	1155 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
<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_013036.2</a> , <a href="#">NP_037168.1</a>
<b>RefSeq Size:</b>	1865 bp
<b>RefSeq ORF:</b>	1155 bp
<b>Locus ID:</b>	25555
<b>UniProt ID:</b>	<a href="#">P30937</a>
<b>Cytogenetics:</b>	3q41
<b>Gene Summary:</b>	transmembrane receptor for somatostatin; coupled to a G-protein which inhibits adenylyl cyclase; may also activate the mitogen-activated protein (MAP) kinase cascade [RGD, Feb 2006]