

## Product datasheet for **MC209424**

### Sstr5 (NM\_001191008) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr5 (NM_001191008) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sstr5
Synonyms:	Smstr5; sst5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209424 representing NM_001191008 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCCCTCTCTTTGACTTCCACACCTAGCTGGAATGCCTCAGCTGCTTCCAGCAGTAGCCATAACT  
GGTCACTAGTGGACCCGGTGTACCCATGGGAGCCCGGGCGGTATTAGTGCCTGTGCTCTACTTGTGGT  
ATGCACCGTGGGACTGGGTGAAACACACTGGTCATCTATGTGGTGTGCGGTACGCCAAGATGAAGACA  
GTTACTAACGTGTATATCCTGAACCTGGCCGTGGCTGACGTGTTGTTTATGTTGGGGCTTCTTTCTGG  
CAACGCAGAATGTGTCTCCTACTGGCCCTTTGGCTCCTTCTTGTGCCGCTGGTCATGACGCTGGACGG  
CATCAACCAGTTCACCAGTATCTTCTGCCTGATGGTCATGAGTGTGACCGCTACCTGGCCGTGGTCCAC  
CCTCTCCGCTCAGCCCGGTGGCTCGCCACGGGTAGCCAAGCTGGCTAGTGTGCTGCCGTCTGGGTCTTCT  
CGCTGCTCATGTCTCTGCCGCTCTTGGTCTTGGCGGATGTCCAGGAGGGCTGGGGCACCTGCAACCTGAG  
CTGGCCAGAGCCTGTGGGACTGTGGGTGCAGCCTTCACTTACACGTCTGTGCTGGGCTTCTTTGGG  
CCCCTGTGGTCATCTGCTTGTGCTATTTGCTCATCGTAGTGAAGGTGAAGGCTGCAGGTATGCGTGTGG  
GCTCCTCACGGCGGAGGCGCTCAGAACGCAAGGTGACTCGCATGGTGGTGGTGTGGTGTGCTGGTGTTCGT  
GGGCTGCTGGCTGCCTTTCTTTCATCGTCAACATCGTCAACCTGGCCTTACGCTACCCGAGGAGCCACCC  
TCTGCCGCCTCTACTTCTTGGTGGTCTGTCTTATGCCAATAGCTGTGCCAACCCCTGCTCTATG  
GCTTTCTCTGATAAATTCCGCCAGAGTTTCCGGAAGGCTCTGTGCTACGTAGAGGATACGGTGTGGA  
GGATGCAGATGCCATAGAGCCACGGCCAGACAAGAGTGGGCGGCCACAGACCACACTGCCACACGCAGC  
TGTGAGGCCAACGGGCTCATGCAGACCAGCAGGCTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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<b>ACCN:</b>	NM_001191008
<b>Insert Size:</b>	1089 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_001191008.1</a></u> , <u><a href="#">NP_001177937.1</a></u>
<b>RefSeq Size:</b>	2581 bp
<b>RefSeq ORF:</b>	1089 bp
<b>Locus ID:</b>	20609
<b>UniProt ID:</b>	<u><a href="#">O08858</a></u>
<b>Cytogenetics:</b>	17 12.62 cM
<b>Gene Summary:</b>	<p>Receptor for somatostatin-28. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. Increases cell growth inhibition activity of SSTR2 following heterodimerization.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>