

Product datasheet for RN210159

Sstr2 (NM_019348) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr2 (NM_019348) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sstr2
Synonyms:	Smstr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210159 representing NM_019348 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGTTGACCTCTGAGCAGTTCAATGGGAGCCAAGTGTGGATACCTTCTCCCTTTGACCTCAACGGCT
CACTGGGGCCAAGCAATGGCTCCAACCAGACAGAGCCATACTACGACATGACAAGCAACGGCTCCTCAC
GTTTCATCTACTTCGTGGTGTGCGTGGTGGGGCTGTGCGGCAACACGCTCGTCATCTACGTCATCCTCCGC
TACGCCAAGATGAAAACCATACCAACATTTACATCCTCAACCTGGCCATCGCAGATGAACCTTTCATGC
TGGGGCTGCCCTTCTTGCCATGCAGGTGGCGCTGGTCCACTGGCCTTTTGGCAAGGCCATCTGCCGGT
GGTCATGACTGTGGACGGTATCAACCAGTTCACCAGTATCTTCTGCTTGACGGTCATGAGCATCGACCGT
TACCTGGCCGTGGTCCACCCCATTAAGTCAGCCAAATGGAGGCGACCCCGGACAGCCAAGATGATCAACG
TGGCTGTGTGGGGTGTGTCCCTGCTTGTCAATTTGCCATCATGATATACGCTGGCTCCGGAGCAACCA
GTGGGGTAGGAGCAGCTGCACCATCAACTGGCCGGGCGAATCCGGGGCATGGTACACGGGTTTCATTATC
TATGCCTTCATCCTGGGGTTCCTGGTACCCCTAACCATCATCTGTCTCTGCTACCTGTTTCATCATCATCA
AGGTGAAGTCCTCTGGGATCCGAGTGGGGTGTGCAAGAGGAAAAAGTCAGAGAAAAAGGTGACCCGAAT
GGTATCCATCGTGGTGGCTGTCTTCATCTTCTGCTGGCTCCCCTTCTATATCTTCAATGTCTCGTCCGCTG
TCTGTGGCCATCAGCCCCACCCCTGCCCTGAAAGGCATGTTTGACTTTGTGGTTATCCTCACCTACGCCA
ACAGCTGCGCCAACCCCATCCTGTACGCCCTTCTGTCCGACAACCTCAAGAAGAGCTTCCAGAATGTTCT
TTGCTTGGTCAAGGTGAGTGGTGCAGGAGATGGGGAGCGGAGCGACAGTAAAGCAGGACAAATCCCGGCTG
AATGAGACCACGGAGACCCAGAGGACCCTCCTCAATGGAGACCTCCAACCAGTATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3716_b08.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_019348
Insert Size:	1110 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_019348.1 , NP_062221.1
RefSeq Size:	2116 bp
RefSeq ORF:	1110 bp
Locus ID:	54305
UniProt ID:	P30680
Cytogenetics:	10q32.1
Gene Summary:	binds somatostatin; mediates signaling in response to thermal pain; may play a role in regulation of intestinal peristalsis [RGD, Feb 2006]