

Product datasheet for **RN202611**

Sstr3 (NM_133522) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr3 (NM_133522) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sstr3
Synonyms:	Smstr28; SSTR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202611 representing NM_133522
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCTGTTACCTATCCTTCATCCGTGCCTACGACCTGGACCCTGGGAATGCATCCTCAGCCTGGC
 CCCTGGACACGTCCCTGGGAATGCATCTGCTGGCACTAGCCTGGCAGGACTGGCTGTCACTGGCATCTT
 GATCTCTCTGGTGTACCTGGTGGTGTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 CTGCGGCACACGTCCAGCCCATCAGTGACCAGTGTCTATATCCTCAACCTGGCACTGGCTGACGAACTCT
 TCATGCTGGGGCTACCTTTCCTGGCTGCTCAGAACGCCCTGTCTACTGGCCTTTCGGCTCTCTCATGTG
 TCGTCTGGTCATGGCCGTGGATGGCATCAACCAGTTCACCAGCATCTTCTGCCTCACCGTCATGAGTGTG
 GACCGCTACCTGGCTGTGGTGCACCCACACGCTCTGCCCGCTGGCGCACGGCACCTGTGGCTCGAATGG
 TCAGTGCAGCTGTCTGGTGGCCTCAGCTGTGGTGTGCTGCCTGTGGTGTGTTCTCAGGAGTGGCCCG
 AGGGATGAGCACGTGCCACATGCAGTGGCCAGAGCCAGCGGCTGCCTGGCGAACAGCCTTCATCATCTAT
 ACGGCCGCACTGGGCTTTTTGGGCCCTGCTGGTGCATCTGCTTATGCTACCTGCTTATTGTGGTGAAGG
 TGGCGTGCACCACGCGGGGTGCGGGCGCCCTCGTGCCAGTGGGTACAGGCACCCGCTTCCAGCGGGCG
 GCGGCGCTCTGAGCGCAGGGTGACACGCATGGTGGTGGCTGTGGTGGCACTCTTCGTCCTCTGCTGGATG
 CCTTTCTATTTACTCAACATCGTTAATGTGGTGTGCCCGCTGCCGGAGGAGCCCGCTTCTTTGGCCTCT
 ACTTCTGGT
 CCGCTTCAAGCAGGGCTCCGCAGGATCCTGCTAAGACCTTCTCGGCGAGTACGGAGCCAGGAGCCAGGG
 TCTGGCCCTCCAGAGAAGACGGAGGAGGAGGAGGATGAAGAGGAAGAAGAGAGAAGGGAAGAGGAAGAGC
 GGAGGATGCAGAGAGGGCAGGAGATGAATGGGAGGCTCAGTCAGATCGCACAGCCAGGCCCACTGGACA
 GCAGCAACGGCCTTGACAGGGACTGCCAAGGAACAGCAGCTTACCCAGGAAGCCACAGCTGGGGAC
 AAGGCCAGCAGCTGAGCCATCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1542_e10.zip

Restriction Sites: SgfI-MluI

ACCN: NM_133522

Insert Size: 1287 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:**
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_133522.1](#), [NP_598206.1](#)

RefSeq Size: 3985 bp

RefSeq ORF: 1287 bp

Locus ID: 171044

UniProt ID: [P30936](#)

Cytogenetics: 7q34

Gene Summary: a neurotransmitter receptor which is an N-terminally extended form of tetradecapeptide somatotropin-release inhibiting factor somatostatin-14 [RGD, Feb 2006]