

Product datasheet for RN209578

Sstr5 (NM_012882) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr5 (NM_012882) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sstr5
Synonyms:	Smstr5; Somato
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209578 representing NM_012882 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCCTCTCTGGCCTCCACCAAGCTGGAATGCCTCGGCTGCTTCCAGTGGTAACCATAACT
GGTCACTGGTGGGCTCAGCATCGCCAATGGGAGCCCGGGCAGTATTAGTGCCTGTGCTCTACCTGTTGGT
GTGCACCGTGGGACTGAGTGGAAATACACTGGTCATTTATGTGGTGTGCGGCACGCCAAGATGAAGACA
GTTACTAACGTGTACATCTGAACCTGGCCGTGGCTGACGTATTATTTATGTTGGGACTTCTTTCTGG
CCACGCAGAACGCCGTCTCCTACTGGCCCTTCGGCTCCTTCTTGTGCCGCTGGTCATGACTGGATGG
CATCAACCAGTTCACCAGTATCTTCTGCCTGATGGTCATGAGTGTGACCGCTACCTGGCCGTGGTCCAC
CCTCTCCGCTCAGCCCGGTGGCCTCGCCACGGGTAGCCAAGATGGCCAGCGCGGCCGTCTGGGTCTTT
CGCTGCTCATGTCTCTGCCGCTCTTGGTCTTCGCGGATGTCCAGGAGGGCTGGGGCACCTGCAACCTGAG
CTGGCCAGAGCCTGTGGGCTGTGGGTGCAGCCTTCAACCTACACGTCTGTGTTGGGCTTCTTTGGG
CCCCTGCTGGTCATCTGCTTGTGCTACCTGCTCATTGTGGTCAAGGTGAAGGCTGCAGGCATGCGCGTAG
GCTCCTCAAGGCGGAGGCGCTCGGAGCGCAAGGTGACTCGCATGGTGGTGGTCTGTTGGTGTGTTGT
GGGCTGCTGGCTGCCTTTCTTCAATTGTCAACATCGTCAACCTGGCCTTCACTGCCCCGAGGAACCCACA
TCTGCCGCTCTATTTCTTGTGGTGGTCTATCTTATGCCAATAGCTGTGCCAACCCCTGCTACG
GCTTTCTCTCGGACAACCTCCGCCAGAGCTTCCGGAAGGTTCTGTGCTACGTAGAGGATACGGTATGGA
GGATGCGGACGCCATAGAGCCACGGCCAGACAAGAGTGGGCGGCCCTCAGGCCACTGCCACACGCAGC
TGCGAGGCCAATGGGCTCATGCAGACCAGCAGGATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1536_f01.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012882
Insert Size:	1089 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_012882.2 , NP_037014.2
RefSeq Size:	1372 bp
RefSeq ORF:	1089 bp
Locus ID:	25354
Cytogenetics:	10q12
Gene Summary:	transmembrane receptor for somatostatin 28; coupled to a G-protein which inhibits adenylyl cyclase; may also activate the mitogen-activated protein (MAP) kinase cascade [RGD, Feb 2006]