

Product datasheet for MC209425

Sstr5 (NM_011425) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr5 (NM_011425) 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:	>MC209425 representing NM_011425 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCCTCTCTTTGGCTTCCACACCTAGCTGGAATGCCTCAGCTGCTTCCAGCGGTAGCCATAACT
GGTCACTAGTGGACCCGGTGTACCCATGGGAGCCCGGGCGGTATTAGTGCCTGTGCTCTACTTGTGGT
ATGCACCGTGGGACTGGGTGAAACACACTGGTCATCTATGTGGTGTGCGGTATGCCAAGATGAAGACA
GTTACTAATGTGTACATCCTGAACCTGGCCGTGGCTGACGTGTTGTTTATGTTGGGGCTTCTTTCTGG
CAACGCAGAATGTGTCTCCTACTGGCCCTTTGGCTCCTTCTTGTGCCGCTGGTCATGACGCTGGACGG
TATCAACCAAGTTCACCAAGTATCTTCTGCCTGATGGTCATGAGTGTGACCGCTACCTGGCCGTGGTCCAC
CCTCTCCGCTCAGCCCGGTGGCTCGCCACGGGTAGCCAAGCTGGCTAGTGTGCTGCCGTCTGGGTCTTCT
CGCTGCTCATGTCTCTGCCGCTCTTGGTCTTGGCGGATGTCCAGGAAGGCTGGGGCACCTGCAACCTGAG
CTGGCCAGAGCCTGTGGGACTGTGGGTGCAGCCTTCACTTACACATCTGTGCTGGGCTTCTTTGGG
CCCCTGCTGGTCATCTGCTTGTGCTATTTGCTCATCGTAGTGAAGGTGAAGGCTGCAGGTATGCGTGTGG
GCTCCTCACGGCGGAGGCGCTCAGAACGCAAGGTGACTCGCATGGTGGTGGTGTGCTGGTGTTCGT
GGGCTGCTGGCTGCCTTTCTTTCATCGTCAACATCGTCAACCTGGCCTTACGCTACCCGAGGAGCCACCC
TCTGCCGCTCTACTTCTTGGTGGTCTGTCTTATGCCAATAGCTGTGCCAACCCTGCTCTATG
GCTTTCTCTGATAAATTCGCCAGAGTTTCCGGAAGGCTCTGTGCTACGTAGAGGATACGGTGTGGA
GGATGCAGATGCCATAGAGCCACGGCCAGACAAGAGTGGGCGGCCACAGACCACACTGCCACACGCAGC
TGTGAGGCCAACGGGCTCATGCAGACCAGCAGGCTTTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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ACCN:	NM_011425
Insert Size:	1089 bp
OTI Disclaimer:	<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 custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	BC150805 , AAI50806
RefSeq Size:	1784 bp
RefSeq ORF:	1089 bp
Locus ID:	20609
UniProt ID:	O08858
Cytogenetics:	17 12.62 cM
Gene Summary:	<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 (1) represents the longer transcript. 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>