

Product datasheet for MR222390

Sstr5 (NM_011425) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sstr5 (NM_011425) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sstr5
Synonyms:	Smstr5; sst5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR222390 representing NM_011425 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCCTCTCTTTGACTTCCACACCTAGCTGGAATGCCTCAGCTGCTTCCAGCAGTAGCCATAACT
GGTCACTAGTGGACCCGGTGTACCCATGGGAGCCCGGGCGGTATTAGTGCCTGTGCTCTACTTGTGGT
ATGCACCGTGGGACTGGGTGAAACACACTGGTCATCTATGTGGTGTGCGGTACGCCAAGATGAAGACA
GTTACTAACGTGTATATCCTGAACCTGGCCGTGGCTGACGTGTTGTTTATGTTGGGGCTTCCTTCTCTGG
CAACGCAGAATGTGTCTCCTACTGGCCCTTTGGCTCCTTCTTGTGCCGCTGGTCATGACGCTGGACGG
CATCAACCAGTTCACCAGTATCTTCTGCCTGATGGTCATGAGTGTGACCGCTACCTGGCCGTGGTCCAC
CCTCTCCGCTCAGCCCGGTGGCGTCGCCACGGGTAGCCAAGCTGGCTAGTGTGCTGCCGTCTGGGTCTTCT
CGCTGCTCATGTCTCTGCCGCTCTTGGTCTTTCGGGATGTCCAGGAGGGCTGGGGCACCTGCAACCTGAG
CTGGCCAGAGCCTGTGGGACTGTGGGTGCAGCCTTCACTTACACGTCTGTGCTGGGCTTCTTTGGG
CCCCTGCTGGTCATCTGCTTGTGCTATTTGCTCATCGTAGTGAAGGTGAAGGCTGCAGGTATGCGTGTGG
GCTCCTCACGGCGGAGGCGCTCAGAACGCAAGGTGACTCGCATGGTGGTGGTGTGCTGGTGTTCGT
GGGCTGCTGGCTGCCTTTCTTTCATCGTCAACATCGTCAACCTGGCCTTACGCTACCCGAGGAGCCACCC
TCTGCCGCTCTACTTCTTGTGGTGGTCTTATGCCAATAGCTGTGCCAACCCCTGCTCTATG
GCTTTCTCTGATAACTTCGCCAGAGTTTCCGGAAGGCTCTGTGCTACGTAGAGGATACGGTGTGGA
GGATGCAGATGCCATAGAGCCACGGCCAGACAAGAGTGGGCGGCCACAGACCACACTGCCACACGCAGC
TGTGAGGCCAACGGGCTCATGCAGACCAGCAGGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR222390 representing NM_011425
 Red=Cloning site Green=Tags(s)

MEPLSLTSTPSWNASAASSSSHNWSLVDPVSPMGARAVLVPVLYLLVCTVGLGGNTLVIYVVLRYAKMKT
 VTNVYILNLAVADVLFMLGLPFLATQNAVSYWPFSGFLCRLVMTLDGINQFTSIFCLMVMSVDRYLAVVH
 PLRSARWRRPRVAKLASAAVWVFSLLMSLPLLVFADVQEGWGTCLNSWPEPVGLWGAAFITYTSLVGLGFFG
 PLLVICLCYLLIVVKVKAAGMRVGSRRRRSERKVTRMVVVVVLVFVGCWLPFFIVNIVNLAFTLPEEPT
 SAGLYFFVYVLSYANSCANPLL YGFLSDNFRQSF RKALCLRRGYGVEDADAIEPRPDKSGRPQTTLPTRS
 CEANGLMQTSRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9019_e10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_011425

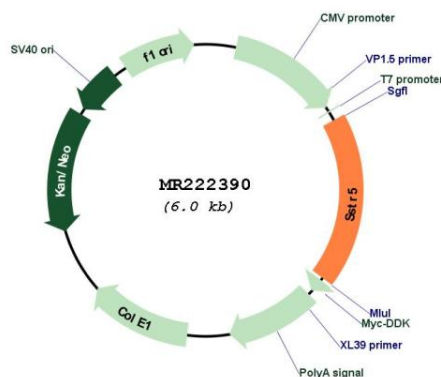
ORF Size: 1086 bp

OTI Disclaimer: 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.

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](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_011425.3 , NP_035555.1
RefSeq Size:	2733 bp
RefSeq ORF:	1089 bp
Locus ID:	20609
UniProt ID:	O08858
Cytogenetics:	17 12.62 cM
MW:	40.5 kDa
Gene Summary:	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]

Product images:



Circular map for MR222390