

Product datasheet for RC217543

Somatostatin Receptor 4 (SSTR4) (NM_001052) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Somatostatin Receptor 4 (SSTR4) (NM_001052) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Somatostatin Receptor 4
Synonyms:	SS-4-R; SS4-R; SS4R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC217543 representing NM_001052 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCGCCCCCTCGACGCTGCCCCCGGGGGCGAGGAAGGGCTGGGGACGGCCTGGCCCTCTGCAGCCA
ATGCCAGTAGCGCTCCGGCGGAGGCGGAGGAGGGTGGCGGGCCCGGGACGCGCGGGCGGGGCAT
GGTCGCTATCCAGTGCATCTACGCGCTGGTGTGCCTGGTGGGGCTGGTGGGCAACGCCCTGGTCATCTTC
GTGATCCTTCGCTACGCCAAGATGAAGACGGCTACCAACATCTACCTGCTCAACCTGGCCGTAGCCGACG
AGCTCTTCATGCTGAGCGTGCCCTTCGTGGCCTCGTCGGCCGCCCTGCGCCACTGGCCCTTCGGCTCCGT
GCTGTGCCGCGCGGTGCTCAGCGTCGACGGCCTCAACATGTTACCAGCGTCTTCTGTCTACCGTGCTC
AGCGTGGACCGCTACGTGGCCGTGGTGCACCCTCTGCGCGCGGGACCTACCGGGCGCCAGCGTGGCCA
AGCTCATCAACCTGGGCGTGTGGCTGGCATCCCTGTTGGTCACTCTCCCATCGCCATCTTCGAGACAC
CAGACCGGCTCGCGGGCGCCAGGCCGTGGCCTGCAACCTGCAGTGGCCACACCCGGCCTGGTCGGCAGTC
TTCGTGGTCTACACTTTCCTGCTGGGCTTCTGCTGCCGTGCTGGCCATTGGCCTGTGCTACCTGCTCA
TCGTGGCAAGATGCGCGCCGTGGCCCTGCGCGCTGGCTGGCAGCAGCGCAGGCGCTCGGAGAAGAAAAT
CACCAGGCTGGTGTGATGGTGGTGGTCTTTGTGCTCTGCTGGATGCCTTTCTACGTGGTGCAGCTG
CTGAACCTTTCGTGACCAGCCTTGATGCCACCGTCAACCAGTGTCCCTATCCTTAGCTATGCCAACA
GCTGCGCCAACCCATTCTCTATGGCTTCTCTCCGACAACTTCCGCCGATTCTTCCAGCGGGTTCTCTG
CCTGCGCTGCTGCCTCCTGGAAGGTGCTGGAGGTGCTGAGGAGGAGCCCTGGACTACTATGCCACTGCT
CTCAAGAGCAAAGGTGGGGCAGGGTGCATGTGCCCCCACTCCCCTGCCAGCAGGAAGCCCTGCAACCCAG
AACCCGGCCGCAAGCGCATCCCCCTCACCAGGACCACCACCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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_001052.4](#)

RefSeq Size: 1167 bp

RefSeq ORF: 1167 bp

Locus ID: 6754

UniProt ID: [P31391](#)

Cytogenetics: 20p11.21

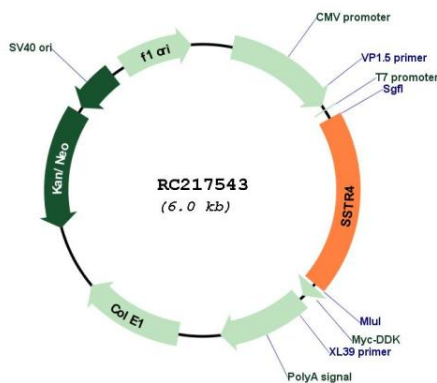
Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

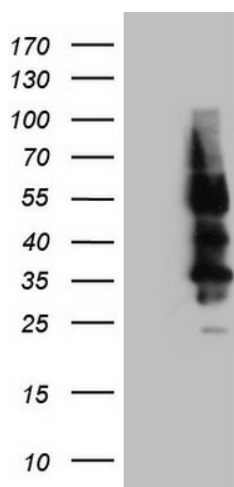
MW: 41.8 kDa

Gene Summary: Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR4 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in fetal and adult brain and lung. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC217543



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SSTR4 (Cat# RC217543, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SSTR4 (Cat# [TA808224])(1:2000).