

Product datasheet for MC206505

Sst (BC010770) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sst (BC010770) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sst
Synonyms:	SRIF, SS, SOM
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>BC010770</p> <p>GGAGACGCTACCGAAGCCGTCGCTGCTGCCTGAGGACCTGCGACTAGACTGACCCACCGCTCCAGCTT GGCTGCCTGAGGCAAGGAAGATGCTGTCTGCTGCCGCTCCAGTGGCCCTGGCTGCGCTCTGCATCGTCCT GGCTTTGGGCGGTGTACCGGCGCGCCCTCGGACCCAGACTCCGTCAGTTTCTGCAGAAGTCTCTGGCG GCTGCCACCGGAAACAGGAACTGGCCAAGTACTTCTTGGCAGAGCTGCTGTCCGAGCCCAACCAGACAG AGAATGATGCCCTGGAGCCCAGGATTTGCCCCAGGCAGCTGAGCAGGACGAGATGAGGCTGGAGCTGCA GAGGTCTGCCAACTCGAACCCAGCAATGGCACCCCGGAAACGCAAAGCTGGCTGCAAGAACTTCTTCTGG AAGACATTCACATCCTGTTAGCTTTAATATTGTTGTCCTAGCCAGACCTCTGATCCCTCTCCCCAAACC CCATATCTCTTCCTTAACTCCTGGCCCCGATGCTCAACTTGACCCTGCATTAGAAATTGAAGACTGTAA ATACAAAATAAAATTATGGTGAGATTATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA</p>
Restriction Sites:	EcoRI-NotI
ACCN:	BC010770
Insert Size:	351 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).



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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: BC010770, AAH10770

RefSeq Size: 617 bp

RefSeq ORF: 351 bp

Locus ID: 20604

Cytogenetics: 16 15.0 cM

Gene Summary: Somatostatin-14: Inhibits the secretion of pituitary hormones, including that of growth hormone/somatotropin (GH1), PRL, ACTH, luteinizing hormone (LH) and TSH. Also impairs ghrelin- and GnRH-stimulated secretion of GH1 and LH; the inhibition of ghrelin-stimulated secretion of GH1 can be further increased by neuronostatin.[UniProtKB/Swiss-Prot Function]