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Product datasheet for SC202083

Somatostatin (SST) (NM_001048) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Somatostatin (SST) (NM_001048) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SST
Synonyms:	SMST; SST1
ACCN:	NM_001048
Insert Size:	183 bp
Insert Sequence:	>SC202083 3'UTR clone of NM_001048 The sequence shown below is from the reference sequence of NM_001048. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCTTCTGGAAGACTTTCACATCCTGTTAGCTTTCTTAACTAGTATTGTCCATATCAGACCTCTGATCC CTCGCCCCCACACCCCATCTCTCTTCCCTAATCCTCCAAGTCTTCAGCGAGACCCTTGCATTAGAAACT GAAAACTGTAAATACAAAATAAAATTATGGTGAAATTATGAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001048.4

View online »

Summary: The hormone somatostatin has active 14 aa and 28 aa forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. Somatostatin is expressed throughout the body and inhibits the release of numerous secondary hormones by binding to high-affinity G-protein-coupled somatostatin receptors. This hormone is an important regulator of the endocrine system through its interactions with pituitary growth hormone, thyroid stimulating hormone, and most hormones of the gastrointestinal tract. Somatostatin also affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells. [provided by RefSeq, Jul 2008]

Locus ID: 6750

MW: 7.1