

**Somatostatin 28 (1-14)**  
**Synthetic Peptide**  
**Catalog # SP3089a****Specification**

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**Somatostatin 28 (1-14) - Product Information**

Primary Accession [P60041](#)  
Other Accession [P26917](#), [P49670](#), [P01168](#), [P61278](#), [O46688](#)  
Sequence **NH2-SANSNPAMAPRERK-COOH**

**Somatostatin 28 (1-14) - Additional Information**

**Gene ID** 20604

**Other Names**

Somatostatin, Antrin, Somatostatin-28, Somatostatin-14, Sst, Smst

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Somatostatin 28 (1-14) - Protein Information****Name** Sst**Synonyms** Smst**Function**

[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.

**Cellular Location**

Secreted {ECO:0000250|UniProtKB:P60042}.

**Tissue Location**

In the pancreas, somatostatin is expressed in delta cells of the islets of Langerhans. In the stomach, it is expressed in parietal cells of oxyntic mucosa and in the small intestine, it is found in the villus (at protein level) (PubMed:18753129). Neuronostatin is expressed in the pancreas in delta cells of the islets of Langerhans, as well as in the stomach, in parietal cells of oxyntic mucosa and in the small intestine, in the villus (at protein level) (PubMed:18753129).

## **Somatostatin 28 (1-14) - Images**