Datasheet for ABIN399813

# Somatostatin (SST) Peptide

1 Image | 1 Publication

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## Overview

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|---|---|
| Quantity: | 5 mg |
| Target: | Somatostatin (SST) |

## Product Details

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|---|---|
| Purity: | > 95 % |

## Target Details

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|---|---|
| Target: | Somatostatin (SST) |
| Target Type: | Chemical |
| Background: | Somatostatin is a polypeptide hormone produced chiefly by the hypothalamus. It inhibits the secretion of various other hormones, such as somatotropin, glucagon, insulin, thyrotropin, and gastrin. Somatostatin is a hormone comprising two peptides, one built of 14 amino acids, the other of 28 amino acids. Somatostatin is secreted not only by cells of the hypothalamus but also by delta cells of stomach, intestine, and pancreas. It binds to somatostatin receptors. Somatostatin was first discovered in hypothalamic extracts and identified as a hormone that inhibited secretion of growth hormone. Subsequently, somatostatin was found to be secreted by a broad range of tissues, including those of the pancreas, intestinal tract, and regions of the central nervous system outside the hypothalamus. |
| CAS-No: | 38916-34-6 |

## Application Details

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|---|---|
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Storage: | -20 °C |

## Publications

Product cited in:

He, Lu, Song, Gong, Li: "Inhibition of microRNA-146a attenuated heart failure in myocardial infarction rats." in: **Bioscience reports**, Vol. 39, Issue 12, (2020) (PubMed).

Yao, Han, Guan, Guan, Wu, Chen, Li, Hei: "Neutrophil Elastase Inhibitors Suppress Oxidative Stress in Lung during Liver Transplantation." in: **Oxidative medicine and cellular longevity**, Vol. 2019, pp. 7323986, (2020) (PubMed).

Lian, Xu, Wang, Wang, Li, Yao, Ji, Wang, Guo, Li, Yang: "Possible mechanisms of prenatal cold stress induced-anxiety-like behavior depression in offspring rats." in: **Behavioural brain research**, Vol. 359, pp. 304-311, (2019) (PubMed).

Yu, Wei, Weiss, Felder: "Angiotensin II Type 1a Receptors in the Subfornical Organ Modulate Neuroinflammation in the Hypothalamic Paraventricular Nucleus in Heart Failure Rats." in: **Neuroscience**, Vol. 381, pp. 46-58, (2019) (PubMed).

Peng, Xue, Zhou, Zhang, Wang, Liu, Sang, Wang, Tan: "Repetitive transcranial magnetic stimulation inhibits Sirt1/MAO-A signaling in the prefrontal cortex in a rat model of depression and cortex-derived astrocytes." in: **Molecular and cellular biochemistry**, Vol. 442, Issue 1-2, pp. 59-72, (2018) (PubMed).

## Images

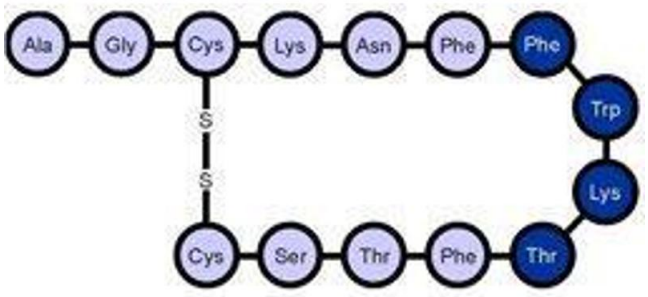


**Image 1.**