

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Somatostatin (V22) Peptide

Cat No.: BS1329P

#### Background

Somatostatin is a regulatory hormone that plays an inhibitory role in a variety of organ systems. This cyclic tetradecapeptide inhibits the secretion of many important hormones, including somatotropin (also designated growth hormone, or GH), Insulin and Glucagon. Somatostatin is found in both the hypothalamus and in the pancreas. Somatostatin is thought to be involved in the regulation of insulin synthesis. In the cerebellum, two processed forms, Somatostatin-14 and Somatostatin-28, are highly expressed at birth and in the adult stage, respectively. The gene encoding Somatostatin maps to human chromosome 3q28.

#### Swiss-Prot

P61278

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS1329 Somatostatin (V22) pAb.

#### Purification & Purity

Synthetic peptide Somatostatin (V22). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term.

Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.