

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### SSTR1 (N48) Peptide

Cat No.: BS3201P

#### Background

SSTRs (for somatostatin receptors) represent a family of G-protein-coupled receptors which mediate the diverse biological actions of somatostatin (SST). There are five distinct subtypes of SSTRs that bind two natural ligands, SST-14 and SST-28. SSTR2 gives rise to spliced variants, SSTR2A and 2B. SSTRs share common signaling pathways such as the ability to inhibit adenylyl cyclase via GTP binding proteins. Some of the subtypes are also coupled to tyrosine phosphatase (SSTR1,2), Ca<sup>2+</sup> channels (SSTR2), Na<sup>+</sup>/H<sup>+</sup> exchanger (SSTR1), PLA-2 (SSTR4), and MAP kinase (SSTR4). Individual target cells typically express more than one SSTR subtype and often all five isoforms. Subtypes of SSTR can form functional homo- and heterodimers.

#### Swiss-Prot

P30872

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3201 SSTR1 (N48) pAb.

#### Purification & Purity

Synthetic peptide SSTR1 (N48). (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.

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