

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### SR-1E (A127) Peptide

Cat No.: BS2386P

#### Background

The members of the G protein-coupled receptor family are distinguished by their slow transmitting response to ligand binding. These seven transmembrane proteins include the adrenergic, serotonin and dopamine receptors. The effect of the signaling molecule can be excitatory or inhibitory depending on the type of receptor to which it binds.  $\beta$ -adrenergic bound to adrenaline activates adenylyl cyclase, while  $\alpha$ 2-adrenergic receptor bound to adrenaline inhibits adenylyl cyclase. Like the  $\alpha$ 2-adrenergic receptor, serotonin receptor functions are also mediated by G proteins that inhibit the activity of adenylyl cyclase. The serotonin receptors have been classified into several categories, designated SR-1-7 (5HT1-7). Subtypes within the SR-1 group include SR-1A, -1B, -1D, -1E and -1F.

#### Swiss-Prot

P28566

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2386 SR-1E (A127) pAb.

#### Purification & Purity

Synthetic peptide SR-1E (A127). (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.