

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



AR- β 3 (L291) Peptide

Cat No.: BS3158P

Background

Beta 3-adrenergic receptors (b3-ARs) bind catecholamines (epinephrine, norepinephrine), and primarily regulate lipolysis and thermogenesis in adipose. b3-ARs are present in adipose tissues, heart, and in smooth muscle of bladder, colon, small intestine, and stomach. The human corpus cavernosum exhibits basal b3-AR-mediated vasorelaxant tone and activity is linked to inhibition of the RhoA/Rho-kinase pathway. b3-AR interacts directly with the SH3 domain of Src through proline-rich motifs (PXXP) in the third intracellular loop and the carboxy-terminus.

Swiss-Prot

P13945

Applications

Blocking

Specificity

This peptide can be used with studies using BS3158 AR- β 3 (L291) pAb.

Purification & Purity

Synthetic peptide AR- β 3 (L291). (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.