

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Glucagon Receptor (K136) Peptide

Cat No.: BS2718P

#### Background

Glucagon, a pancreatic hormone, functions as an antagonist to insulin, stimulating the conversion of glycogen to glucose and increasing blood sugar levels. GLP-1 functions as a transmitter in the central nervous system, inhibiting feeding and drinking behavior. Both glucagon and GLP-1 function through their specific binding to the glucagon receptor or GLP-1R, respectively. The glucagon receptor shows expression in liver, kidney and adipose tissue. The 56 GLP-1R expression primarily localizes to areas of the hypothalamus involved in feeding behavior. Both receptors and their ligands serve as potential targets for the therapeutic treatment of diabetes.

#### Swiss-Prot

P47871

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2718 Glucagon Receptor (K136) pAb.

#### Purification & Purity

Synthetic peptide Glucagon Receptor (K136). (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.