

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### VEGF (K458) Peptide

Cat No.: BS3351P

#### Background

Nerve growth factor (NGF) is a peptide that plays a key role in the differentiation and survival of neurons in the peripheral nervous system (PNS) and the central nervous system (CNS). VEGF is a peptide synthesized and secreted by neurons and is upregulated by NGF in the PC12 cell line. VEGF is widely expressed in both the PNS and CNS, but is especially abundant in the adult hypothalamus. VEGF plays an essential role in how the brain regulates energy expenditure and body weight. Its expression is rapidly induced by injury, the circadian clock, and neuronal activity.

#### Swiss-Prot

O15240

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3351 VEGF (K458) pAb.

#### Purification & Purity

Synthetic peptide VEGF (K458). (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.