

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### LHB Peptide

Cat No.: BS60414P

#### Background

Various hormones are secreted from the anterior pituitary gland during development and growth. Lutropin, also called luteinizing hormone (LH), plays a role in spermatogenesis and ovulation by stimulating the testis and ovaries to produce steroids. LH, like many of the anterior pituitary hormones, consists of heterodimers formed from a common alpha chain and a unique beta chain. Lutropin exists in a variety of isoforms, as the hormone is proteolytically processed and metabolized throughout circulation. LH modulates the processing of amyloid-beta precursor protein and amyloid-beta deposition. Pituitary exit of LH and FSH occur via different secretion pathways, and are released spatially from the pituitary via different circulatory routes.

#### Swiss-Prot

P01229

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS60414 LHB pAb.

#### Purification & Purity

Synthetic peptide LHB. (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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