Bioworld Technology CO., Ltd.

Inhibin β-A Peptide

Cat No.: BS60379P

Background

The TGFβ superfamily is composed of numerous growth and differentiation factors, including transforming growth factor β (TGFβ) 1, 2 and 3; growth/differentiation factor (GDF) 1 through 8; Mullerian inhibiting substance (MIS); bone morphogenic protein (BMP) 2 through 8; glial cell line-derived neurotrophic factor (GDNF); Inhibins (α, β-A, β-B and β-C), Lefty and Nodal. Members of the TGFβ superfamily are involved in embryonic development and adult tissue homeostasis. Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins and activins are involved in regulating a number of functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, Insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Activins oppose the funtions of Inhibins. Inhibins are predominantly expressed in liver, uterus and ovary tissue. Inhibin A, a dimer of α and β-A, and Inhibin B, a dimer of α and β-B, have been shown to inhibit the secretion of follicle stimulating hormone. Inhibin β-C forms a homodimer and its expression is predominant in adult liver.

Swiss-Prot

P08476

Applications

Blocking

Specificity

This peptide can be used with studies using BS60379 Inhibin β-A pAb.

Purification & Purity

Synthetic peptide Inhibin β-A. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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