

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



IGF-1 (K149) Peptide

Cat No.: BS2909P

Background

IGF1, also named as IBP1, MGF, IGF-IA and Somatomedin-C, belongs to the insulin family. IGF1 is structurally and functionally related to insulin but have a much higher growth-promoting activity. Altered expression or mutation of IGF-1 is associated with several human disorders, including type I diabetes and various forms of cancer. Defects in IGF1 are the cause of insulin-like growth factor I deficiency (IGF1 deficiency) which is an autosomal recessive disorder characterized by growth retardation, sensorineural deafness and mental retardation. The ; is specific to isoform IGF-1A.

Swiss-Prot

P05019

Applications

Blocking

Specificity

This peptide can be used with studies using BS2909 IGF-1 (K149) pAb.

Purification & Purity

Synthetic peptide IGF-1 (K149). (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.