

32-20659: Recombinant Human IGF-BP2(Discontinued)

Reactivity : Human, Mouse

Alternative Name : Insulin-like Growth Factor-Binding Protein 2, IBP-2

Description

Source:(BTI-Tn-5B1-4) Hi-5 Insect cells

IGF-BPs control the distribution, function and activity of IGFs in various cell tissues and body fluids. Currently, there are seven named IGF-BPs that form high affinity complexes with both IGF-I and IGF-II. IGF-BP2 is a cysteine-rich, secreted protein produced by bone cells, and is most abundant in the brain. IGF-BP2 has been shown to inhibit IGF-II action in human breast and ovarian carcinoma cells. Recombinant Human IGF-BP2 is a 31.5 kDa protein consisting of 289 amino acid residues including the IGF-BP domain and thyroglobulin type-I domain.

Product Info

Amount : 5 µg / 20 µg

Purification : Purity:>= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : EVLFRCPPCT PERLAACGPP PVAPPAAVAA VAGGARMPCA ELVREPGCGC CSVCARLEGE ACQVYTPRCG
QGLRCYPPHG SELPLQALVM GEGTCEKRRD AEYGASPEQV ADNGDDHSEG GLVENHVDST
MNMLGGGGSA GRKPLKSGMK ELAVFREKVT EQHRQMGKGG KHHLGLEEPK KLRPPPARTP
CQELDQVLE RISTMRLPDE RGPLEHLYSL HIPNCDKHGL YNLKQCKMSL NGQRGECWCV NPNTGKLIQG
APTIRGDPEC HLFYNEQQEA RGVHTQRMQ

Application Note

Determined by its ability to inhibit IGF-I induced proliferation of FDC-P1 cells.