

32-9088: Recombinant Human Insulin-like Growth Factor Binding Protein 3/IGFBP3 (C-hFc)

Alternative Name : acid stable subunit of the 140 K IGF complex; binding protein 29; binding protein 53; growth hormone-dependent binding protein; IBP-3; IBP3BP-53; IGF-binding protein 3; IGFBP3; IGFBP-3; insulin-like growth factor binding protein 3; insulin-like growth factor-binding protein 3

Description

Source : Human 293 Cells;

Insulin-like growth factor-binding protein 3 (IGFBP3) is a member of IGF binding protein superfamily. IGF binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth-promoting effects of the IGFs on cell culture. IGFBP3 is expressed by most tissues and the expression levels are higher during development. It is up-regulated in the presence of IGF1, insulin and other growth-stimulating factors such as growth hormone, EGF and phorbol esters. IGFBP3 is the most abundant IGF binding protein in human serum and has been shown to be a growth inhibitory, apoptosis-inducing molecule, capable of acting via IGF-dependent and IGF-independent mechanisms. Several clinical studies have shown that individuals with IGFBP3 levels in the upper range of normal may have a decreased risk for certain common cancers

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4

Amino Acid : Recombinant Human Insulin-like Growth Factor Binding Protein 3 is produced by Human 293 Cells. The target gene encoding G28-K291 is expressed with a hFc tag at the C-terminus.