Datasheet for ABIN935550

IGFBP2 Protein

Go to Product page

Overview

Quantity:	20 µg
Target:	IGFBP2
Origin:	Human
Source:	Hi-5 Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	EVLFRCPPCT PERLAACGPP PVAPPAAVAA VAGGARMPCA ELVREPGCGC CSVCARLEGE ACQVYTPRCG QGLRCYPHPG SELPLQALVM GEGTCEKRRD AEYGASPEQV ADNGDDHSEG GLVENHVDST MNMLGGGGSA GRKPLKSGMK ELAVFREKVT EQHRQMGKGG KHHLGLEEPK KLRPPPARTP CQQELDQVLE RISTMRLPDE RGPLEHLYSL HIPNCDKHGL YNLKQCKMSL NGQRGECWCV NPNTGKLIQG APTIRGDPEC HLFYNEQQEA RGVHTQRMQ
Characteristics:	Purified recombinant Human IGF BP2 protein Expression System: Hi-5 cells Bioactivity: Determined by its ability to inhibit IGF-I induced proliferation of FDC-P1 cells.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	IGFBP2

Target Details

Alternative Name:	IGF BP2 (IGFBP2 Products)
Background:	IGF-BPs controls 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. Alternative Names: IGF BP-2, Insulin-like Growth Factor-Binding Protein 2 protein, IGF BP2, IGF BP 2, IGF BP-2 protein, IGF BP-2 protein, IBP-2 protein, IGF BP 2 protein
Molecular Weight:	31.5 kDa
Pathways:	Myometrial Relaxation and Contraction, Growth Factor Binding, Activated T Cell Proliferation

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Comment:	Manufactured using (BTI-Tn-5B1-4) cells under license from the Boyce Thompson Institute for Plant Research, Inc.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Supplied as a lyophilized powder.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C