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IGF-BP2, human recombinant protein

IBP-2
Catalog # PBV10795r

Specification

IGF-BP2, human recombinant protein - Product info

Primary Accession	P18065
Calculated MW	**31.5 kDa KDa**

IGF-BP2, human recombinant protein - Additional Info

Gene ID	**3485**
Gene Symbol	**IGFBP2**
Other Names	
IBP-2	
Gene Source	**Human**
Source	**(BTI-Tn-5B1-4) Hi-5 Insect cells**
Assay&Purity	**SDS-PAGE; ≥98%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
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**

Target/Specificity
IGF-BP2

Application Notes
Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format
Lyophilized powder

Storage
-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized from 1 x PBS, pH 7.2.

IGF-BP2, human recombinant protein - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

IGF-BP2, human recombinant protein - Images

IGF-BP2, human recombinant protein - 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. 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.

IGF-BP2, human recombinant protein - References

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