

# Recombinant human IGFBP2 protein ab63223

[4 References](#) [1 Image](#)

## Description

<b>Product name</b>	Recombinant human IGFBP2 protein
<b>Biological activity</b>	Biological Activity : Determined by its ability to inhibit IGF-I induced proliferation of FDC-P1 cells.
<b>Purity</b>	> 98 % SDS-PAGE. Greater than 98% by SDS-PAGE gel and HPLC analyses. Endotoxin level is < 0.1 ng/μg of protein (<1EU/μg).
<b>Endotoxin level</b>	< 1.000 Eu/μg
<b>Expression system</b>	Insect cells
<b>Accession</b>	<b><u>P18065</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	

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EVLFRCPPTCT PERLAACGPP PVAPPAAVAA
VAGGARMPCA ELVREPGCGC CSVCARLEGE
ACQVYTPTCG QGLRCYPHPG SELPLQALVM
GEGTCEKRRD AEYGASPEQV ADNGDDHSEG
GLVENHVDST MNMLGGGSA GRKPLKSGMK
ELAVFREKVT EQHRQMGKGG KHHLGLEPK
KLRPPPARTP CQQELDQVLE RISTMRLPDE
RGPLEHLYSL HIPNCDKHGL YNLKQCKMSL
NGQRGECWCV NPNTGKLIQG APTIRGDPEC
HLFYNEQQA RGVHTQRMQ
    
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<b>Predicted molecular weight</b>	32 kDa
<b>Amino acids</b>	37 to 325
<b>Additional sequence information</b>	The sequence is the full length mature form minus the signal peptide.

## Specifications

Our **Abpromise guarantee** covers the use of **ab63223** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot
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	Functional Studies
	SDS-PAGE
<b>Form</b>	Lyophilized

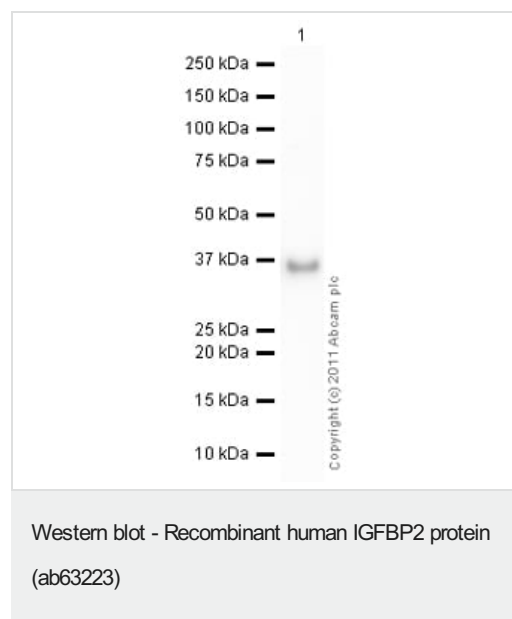
## Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	For lot specific reconstitution information please contact our Scientific Support Team.

## General Info

<b>Function</b>	Inhibits IGF-mediated growth and developmental rates. 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. They alter the interaction of IGFs with their cell surface receptors.
<b>Sequence similarities</b>	Contains 1 IGFBP N-terminal domain. Contains 1 thyroglobulin type-1 domain.
<b>Domain</b>	The C-terminus is required for IGF-binding and growth inhibition.
<b>Post-translational modifications</b>	O-glycosylated.
<b>Cellular localization</b>	Secreted.

## Images



**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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