

Product datasheet

Recombinant Human IGFBP5 protein ab49835

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

Description

Product name	Recombinant Human IGFBP5 protein
Purity	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE gel and HPLC analyses.
Endotoxin level	< 0.100 Eu/μg
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MLGSFVHCEP CDEKALSMCP PSPLGCELVK EPGCGCCMTC ALAEGQSCGV YTERCAQGLR CLPRQDEEK LHALHGRGV CLNEKSYREQ VKIERDSREH EEPTTSEMAE ETYSPKIFRP KHTRISELKA EAVKKDRRKK LTQSKFVGGA ENTAHPRIIS APEMRQESEQ GPCRRHMEAS LQELKASPRM VPRAVYLPNC DRKGFYKRKQ CKPSRGRKRG ICWCVDKYGM KLPGMEYVDG DFQCHTFDSS NVS

Specifications

Our **Abpromise guarantee** covers the use of **ab49835** in the following tested applications.

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

Applications	Western blot Inhibition Assay Functional Studies SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Constituent: 0.294% Sodium citrate

Endotoxin level is less than 0.1 ng per µg (1EU/µg).

Reconstitution

Reconstitute in water to a concentration of 0.1-1.0 mg/ml.

General Info

Function

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.

Tissue specificity

Osteosarcoma, and at lower levels in liver, kidney and brain.

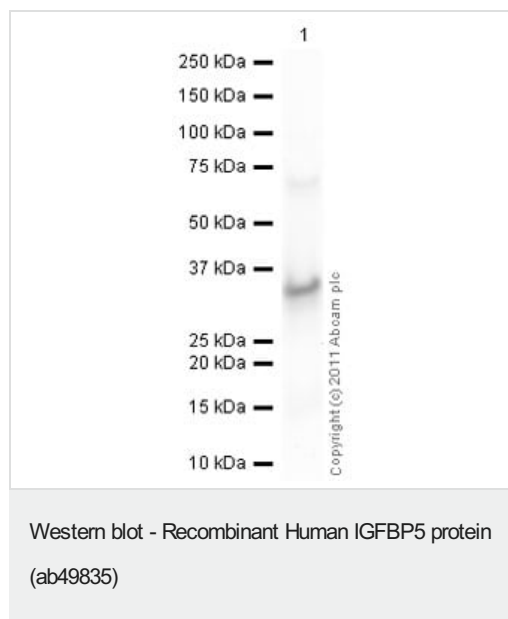
Sequence similarities

Contains 1 IGFBP N-terminal domain.
Contains 1 thyroglobulin type-1 domain.

Cellular localization

Secreted.

Images



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

Our Promise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors