

## Product datasheet

# Recombinant Human IGFBP7 protein (Animal Free) ab217466

### Description

<b>Product name</b>	Recombinant Human IGFBP7 protein (Animal Free)
<b>Purity</b>	> 98 % SDS-PAGE. > 98 % by HPLC.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>Q16270</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	Yes
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	SSSDTCGPCE PASCPLPPL GCLLGETRDA CGCCPMCARG EGEP CGGGGA GRGYCAPGME CVKSRKRRKG KAGAAAGGPG VSGVCVCKSR YPVCGSDGTT YPSGCQLRAA SQRAESRGEK AITQVSKGTC EQGPSVTPP KDIWNVTGAQ VYLSCEVIGI PTPVLWNKV KRGHYGVQRT ELLPGDRDNL AIQTRGGPEK HEVTGWVLVS PLSKEDAGEY ECHASNSQGQ ASASAKITVV DALHEIPVKK GEGAEL
<b>Predicted molecular weight</b>	26 kDa
<b>Amino acids</b>	27 to 282
<b>Additional sequence information</b>	This product is for the mature full length protein. The signal peptide is not included.

### Specifications

Our **Abpromise guarantee** covers the use of **ab217466** 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>	HPLC SDS-PAGE
<b>Form</b>	Lyophilized

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Reconstitution</b>	For lot specific reconstitution information please contact our Scientific Support Team.

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## General Info

<b>Function</b>	Binds IGF-I and IGF-II with a relatively low affinity. Stimulates prostacyclin (PGI <sub>2</sub> ) production. Stimulates cell adhesion.
<b>Sequence similarities</b>	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 Kazal-like domain.
<b>Post-translational modifications</b>	N-glycosylated.
<b>Cellular localization</b>	Secreted.

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**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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- 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.

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