

Product datasheet

Recombinant Human IGFBP7 protein (Animal Free) ab217466

Description

Product name	Recombinant Human IGFBP7 protein (Animal Free)
Purity	> 98 % SDS-PAGE. > 98 % by HPLC.
Expression system	Escherichia coli
Accession	Q16270
Protein length	Full length protein
Animal free	Yes
Nature	Recombinant
Species	Human
Sequence	<pre> SSSDTCGPCE PASCPLPPL GCLLGETRDA CGCCPMCARG EGEPGGGGA GRGYCAPGME CVKSRKRRKG KAGAAAGGPG VSGVCVCKSR YPVCGSDGTT YPSGCQLRAA SQRAESRGEK AITQVSKGTC EQGPSVTPP KDMNVTGAQ VYLSCEVIGI PTPVLMNKV KRGHYGVQRT ELLPGDRDNL AIQTRGGPEK HEVTGWVLVS PLSKEDAGEY ECHASNSQQQ ASASAKITVV DALHEIPVKK GEGAEL </pre>
Predicted molecular weight	26 kDa
Amino acids	27 to 282
Additional sequence information	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.

Applications	HPLC SDS-PAGE
Form	Lyophilised

Preparation and Storage

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Stability and Storage	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.
Reconstitution	For lot specific reconstitution information please contact our Scientific Support Team.

General Info

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

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

- 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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