

Product datasheet

Native Human IgG FC fragment protein ab90285

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

Description

Product name	Native Human IgG FC fragment protein
Biological activity	Shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 and 2 by FDA approved tests.
Purity	> 95 % SDS-PAGE.
Expression system	Native
Protein length	Full length protein
Animal free	No
Nature	Native
Predicted molecular weight	50 kDa
Additional sequence information	Prepared from plasma

Specifications

Our **Abpromise guarantee** covers the use of **ab90285** in the following tested applications.

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

Applications	SDS-PAGE
Form	Liquid
Additional notes	Protein Determination: Extinction Coefficient (E) 0.1% at 280nm =1.46.

IgG is cleaved using Papain to product the Fc fragment. The IgG fc fragment does not bind antigen; however, it does contain the classic antigenic determinants and biological activity with respect to cytotoxic reactions, binding of complement and catabolic rate control.

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Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00
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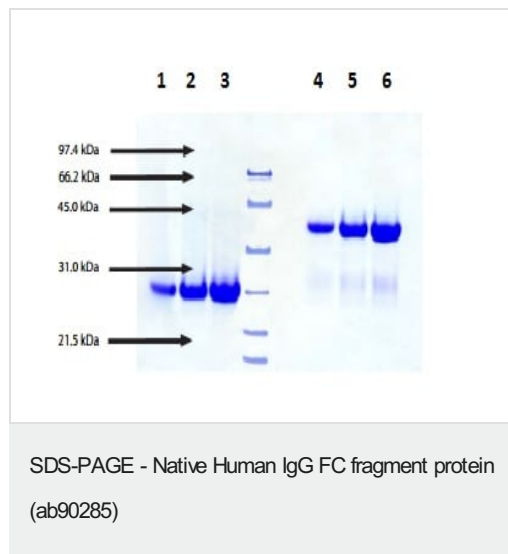
Preservative: 0.05% Sodium azide
Constituents: 0.79% Tris HCl, 1.16% Sodium chloride

General Info

Relevance

The Fc region is the constant region on an immunoglobulin molecule, the area that is exactly the same on all antibodies. The Fc region is found on the heavy chains and is not involved in binding antigens.

Images



4-12% Bis-Tris NuPAGE Gel analysis of ab90285.

Lanes 1-3 show 5, 10 and 15 µg, respectively; run under heated/reducing conditions.

Lanes 4-6 show 5, 10 and 15 µg, respectively; not heated/non-reducing conditions.

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

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- Replacement or refund for products not performing as stated on the datasheet
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