

## Product datasheet

# Native Human IgG3 protein ab118426

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

### Description

<b>Product name</b>	Native Human IgG3 protein
<b>Purity</b>	> 95 % SDS-PAGE. ab118426 is prepared from plasma shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
<b>Expression system</b>	Native
<b>Accession</b>	<b><u>P01860</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Native
<b>Species</b>	Human
<b>Predicted molecular weight</b>	170 kDa

### Specifications

Our **Abpromise guarantee** covers the use of **ab118426** 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>	SDS-PAGE
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Do Not Freeze. pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.88% Sodium chloride, 0.3% Sodium phosphate monobasic, monohydrate
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### General Info

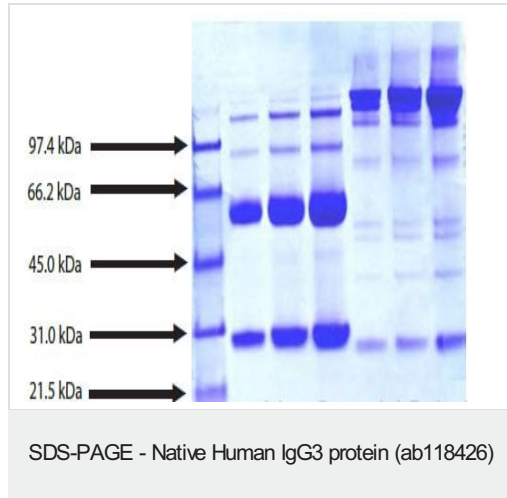
<b>Relevance</b>	IgG3, like IgG1, activates complement and has an affinity for fc receptors; thus IgG1 and IgG3 are the more effective of the IgG subclasses. An IgG3 deficiency is associated with Wiscott-Aldrich disease, systemic lupus erythematosus, juvenile diabetes mellitus, and periodontal infections. IgG
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anti-viral antibodies are restricted to IgG subclasses 1 and 3, with IgG3 antibodies being the first to appear in response to infection.

#### Cellular localization

Secreted

#### Images



SDS PAGE analysis of ab118426 under reducing conditions (lanes 2-4) and non-reducing conditions (lanes 5-7) on 4 - 12% Bis-Tris NuPAGE gel.

Lane 1: ladder.

Lane 2: 5 µg (reduced / heated)

Lane 3: 10 µg (reduced / heated)

Lane 4: 20 µg (reduced / heated)

Lane 5: 5 µg (non-reduced / no heat)

Lane 6: 10 µg (non-reduced / no heat)

Lane 7: 20 µg (non-reduced / no heat)

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

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