

## Product datasheet

# Native Human IgG4 protein ab183266

### Description

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<b>Product name</b>	Native Human IgG4 protein
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Expression system</b>	Native
<b>Accession</b>	<a href="#">P01861</a>
<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>	146 kDa
<b>Additional sequence information</b>	Sourced from human normal plasma.

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab183266** 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
<b>Additional notes</b>	ab183266 was prepared from normal plasma, shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped on Dry Ice. Store at -80°C. pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.33% Sodium phosphate, 0.87% Sodium chloride
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### General Info

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<b>Relevance</b>	IgG4 antibodies will dominate the IgG response in schistosomiasis, lymphatic filariasis, and in
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patients after allergen immunotherapy. Unlike the other IgG subclasses, IgG4 does not activate complement. A combined IgA-IgG4 deficiency has been associated with recurrent pyogenic infections.

**Cellular localization**

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**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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