

# Recombinant Human IgG3 protein ab158746

[1 References](#)   [1 Image](#)

Description

Product name	Recombinant Human IgG3 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MEFGLSWLLVFLQGVCQEVQLVDSGGGLVQPGGSLR LSCAASGFVSD HYVEWVRQAPGKGPEWVGCFRKAHKSTTEYAASVKGR FTILRDDSKNSV HLQMNSLKTDDTAVYYCVRDLEGAGKYDWYFDWGRGILV TVSSASTKGP SVFPLAPCSRSTSGGTAALGCLVKDYFPEPVTVSWNSGA LTSGVHTFPAV LQSSGLYSLSSVVTVPSSSLGTQTYTCNVNHKPSNTKVDK RVELKTPLGD THTCPRCPEPKSCDTPPPCPRCPEPKSCDTPPPCPRC PEPKSCDTPPPC PRCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDV SHEDPEVQFK WYVDGVEVHNAKTKPREEQFNSTFRVSVLTVLHQDWL NGKEYKCKVSNK ALPAPIEKTISKTKGQPREPQVYTLPPSREEMTKNQVSLTC LVKGFYPSD IAVEWESSGQPENNYNTTPMLDSGDSFFLYSKLTVDKS RWQQGNIFSCS VMHEALHNRFTQKSLSLSPGK
Amino acids	1 to 521
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab158746** 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>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	

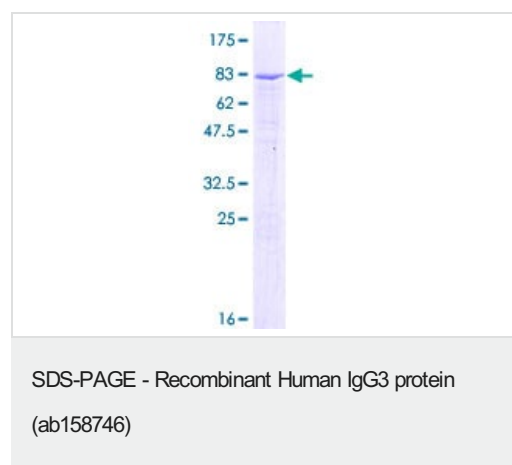
## Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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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 anti-viral antibodies are restricted to IgG subclasses 1 and 3, with IgG3 antibodies being the first to appear in response to infection.
<b>Cellular localization</b>	Secreted

## Images



ab158746 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**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
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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