

# Recombinant human IgG1 protein (Active) ab155632

[2 Images](#)

### Description

<b>Product name</b>	Recombinant human IgG1 protein (Active)
<b>Biological activity</b>	Immobilized Human CD64, His Tag at 1 µg/mL (100 µL/well) can bind Recombinant Human IgG1 protein (ab155632) with a linear range of 1-16 ng/mL.
<b>Purity</b>	> 95 % SDS-PAGE.
<b>Endotoxin level</b>	< 1.000 Eu/µg
<b>Expression system</b>	HEK 293 cells
<b>Accession</b>	<b><u>P01857-1</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	EPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISR TPEVTCVVVD VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVV SVLTVLHQDWLN GKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR DELTKNQVSL TCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSGGSF FLYSKLTVDKS RWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK
<b>Predicted molecular weight</b>	26 kDa
<b>Amino acids</b>	99 to 330

### Specifications

Our **Abpromise guarantee** covers the use of **ab155632** 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 Functional Studies
<b>Form</b>	Lyophilized

## Additional notes

Upon reconstitution ab155632 should be aliquoted and stored at -80°C and is stable for 3 months.

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section.

pH: 7.50

Constituents: 0.6057% Tris, 0.7507% Glycine, 0.05844% Sodium chloride, 12% D-(+)-Trehalose dihydrate

Normally trehalose is added as protectant

This product is an active protein and may elicit a biological response in vivo, handle with caution.

### Reconstitution

Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

## General Info

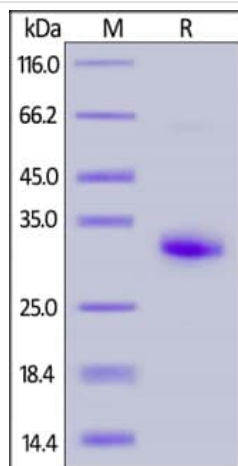
### Relevance

There are four IgG subclasses (IgG1, 2, 3 and 4) in humans, named in order of their abundance in serum (IgG1 being the most abundant).

### Cellular localization

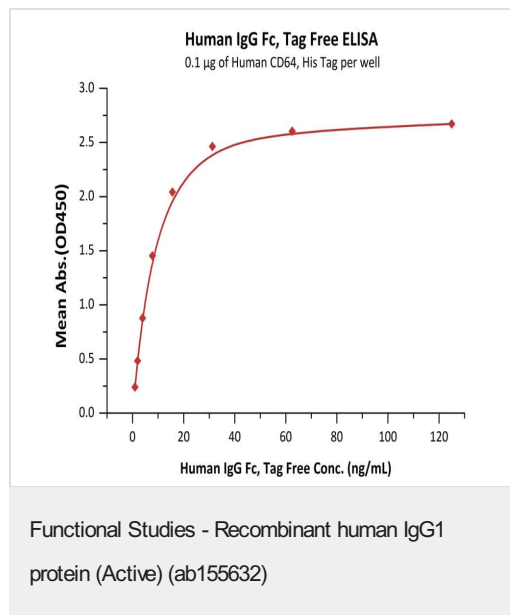
Secreted. Cell membrane; Single-pass membrane protein

## Images



Recombinant Tag-free Human IgG1 protein on SDS-PAGE under reducing conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SDS-PAGE - Recombinant Human IgG1 protein  
(ab155632)



Immobilized Human CD64, His Tag at 1 µg/mL (100 µL/well) can bind ab155632 with a linear range of 1-16 ng/mL (QC tested).

**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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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