

Datasheet for ABIN964527

**Protein G Protein****1** Image[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Protein G
Origin:	Streptococcus
Host:	Please inquire
Protein Type:	Recombinant
Application:	Conjugation (Con)

## Product Details

Specificity:	Protein G is chromatographically pure and shows predominantly a single band by SDS-PAGE. Protein G was assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Protein G. No reaction was observed against anti-Protein A.
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## Target Details

Target:	Protein G
Abstract:	<a href="#">Protein G Products</a>
Background:	<p>Protein G is a surface protein of two groups of Streptococcal bacteria that has the ability to bind immunoglobulins. Similar to Protein A, but with slightly different specificity, Protein G is an important agent in the purification of proteins due to its ability to bind the Fc region. Protein G also binds to albumin.</p> <p>Synonyms: ProG, Streptococcus G protein</p>

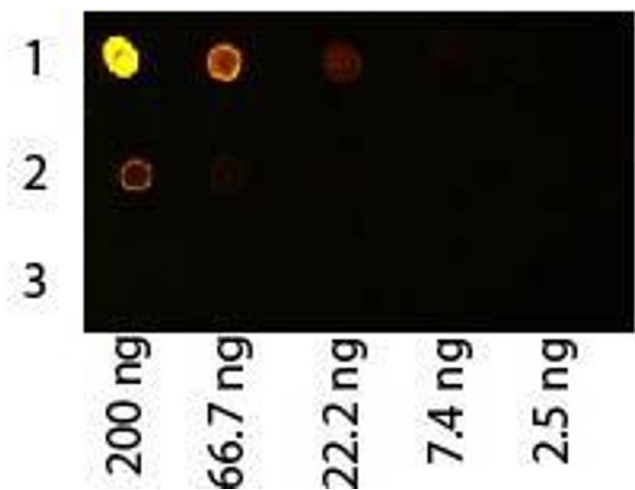
## Application Details

Application Notes:	Protein G is suitable for use as an antigen, as a control or standard in assays, for conjugation and for most other immunological methods. This recombinant Protein G contains only IgG binding domains, ensuring maximum specific IgG binding.
Comment:	Protein G is suitable for use as an antigen, as a control or standard in assays, for conjugation and for most other immunological methods. This recombinant Protein G contains only IgG binding domains, ensuring maximum specific IgG binding.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 1.0 mL
Storage:	4 °C
Expiry Date:	12 months

## Images



### Dot Blot

**Image 1.** Dot Blot of Protein G. Antigen 1: Human IgG. Antigen 2: Rat IgG. Antigen 3: Dog IgG. Load: Starting dot is 200 ng followed by a 3-fold serial dilution. Primary antibody: Protein G at 1:1000 for 60 min RT. Secondary antibody: Fluorescein rabbit anti-Protein G at 1:1,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT.