



Applied Biological Materials Inc

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## Recombinant Protein G

Store at -20°C

Cat. No.	Product Name	Quantity
G481	Recombinant Protein G	10mg
G482	Recombinant Protein G	100mg

### Product Description

Recombinant Protein G is a bacterial cell wall derived protein expressed by some members of group C and G streptococcal strains. Recombinant Protein G binds preferentially to the Fc region of immunoglobulin G (IgG) and with high affinity. In contrast to Protein A, Recombinant Protein G binds to a broader range of mammalian IgG subclasses - including those from human, mouse and rat species, guinea pig, rabbit, goat, cow, sheep and horse. Conjugated Recombinant Protein G is commonly used to purify IgGs from serum, hybridoma ascites, tissue culture supernatants and other biological fluids.

The use of strong acids, alkalis and oxidants and high concentrations of organic solvents should be avoided to protect the product from denaturation.

**Purity** ≥90% determined by SDS-PAGE  
**Source** The source of this protein is *Escherichia coli* (*E. coli*)  
**Molecular Wt.** 28 kDa

### Storage Conditions

Store at -20°C and avoid multiple freeze-thaw cycles. This product will last up to 3 years if stored and handled correctly.

### Reconstitution Procedure

Prepare fresh solution as needed. Reconstitute the Recombinant Protein G powder with sterile water to a final concentration of 10mg/ml.

*For laboratory research only. Not for clinical applications.  
For technical questions, phone the ABM helpline at 1-866-757-2414  
or visit our website at www.abmGood.com*