



Applied Biological Materials Inc

Tel: 1-866-757-2414  
Email: info@abmGood.com  
Website: www.abmGood.com

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## Recombinant Protein A

Cat. No.	Product Name	Quantity	Store at -20°C
G479	Recombinant Protein A	10 mg	
G480	Recombinant Protein A	100 mg	

### Product Description

Recombinant Protein A is a cell wall derived protein from *Staphylococcus aureus* that exhibits unique binding properties for IgG (and some IgM and IgA) from a variety of mammalian sources including human, mouse and rat. Recombinant Protein A preferentially interacts with the heavy chain of the Fc region, binding immunoglobulins with high affinity. A wide variety of reporter molecules can be conjugated to Protein A, including fluorescent dyes, enzyme markers, biotin, colloidal gold and radioactive iodine. Recombinant Protein A can be immobilized onto a solid support such as agarose beads for total IgG purification from serum, ascitic fluid, culture supernatants and cell extracts.

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.** 53 kDa

### Storage Conditions

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

### Reconstitution Procedure

Prepare fresh solution as needed. Reconstitute the Recombinant Protein A powder with sterile water to a final concentration of 10 mg/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](http://www.abmGood.com)*