



Recombinant Protein A

Protein A is a cell wall protein isolated from *Staphylococcus aureus*, consisting of a single peptide chain. Recombinant protein A is expressed by *Escherichia coli* contains five high-affinity regions that bind to Fc of IgG, reducing non-specific adsorption. Protein A binds to mammalian IgG, but not to dog IgG, and does not bind to human IgM, IgD, and IgA. Protein A has an optimal binding to IgG at pH 8.2, and at the same time under neutral or physiological conditions (pH 7.0 - 7.6) also combine well.

Catalog No.	5180001
Size	5mg / 20mg
Product Category	Recombinant Protein
Expression Host	E.coli
Tag Fusion	6x His Tag
Mol. Weight	27 kDa \pm 1kDa
Purity	>95% by HPLC and SDS-PAGE
Formulation	Lyophilized, 0.2um filtered solution of 1x PBS (pH 7.3)
Reconstitution	Reconstitute with distilled PBS
Synonyms	Staphylococcal protein A; SPA
Storage/Stability	-20°C for 1 year
Shipping	Gel Packs