

Staphylococcal Protein A 41kDa Recombinant

Item Number	rAP-4613
Synonyms	Immunoglobulin G-binding protein A, IgG-binding protein A, Staphylococcal protein A, SPA.
Description	Recombinant Staphylococcal Protein A produced in E.Coli is a non-glycosylated, Polypeptide chain containing the amino acid sequence of Staphylococcal Protein A IgG binding domains having a molecular mass of 41 kDa. The recombinant Protein A contains 6 IgG-binding regions of protein A. Cell wall binding region,
Uniprot Accesion Number	P38507
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Protein-A should be stored at all times at 4°C.
Formulation and Purity	The protein was lyophilized from a concentrated (1mg/ml) solution containing no additives. Greater than 98.0% as determined by SDS-PAGE & RP-HPLC.
Application	
Solubility	
Biological Activity	7mg human IgG/mg protein-A.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**