



Recombinant Staphylococcal Protein A

Product Name: Recombinant Staphylococcal Protein A (r-SPA)

Catalog Number: NRPA04S

Packing details: 1 mg, 10 mg, 100 mg, 500 mg

Formulation: The product is lyophilized from a sterile solution of protein in 5 mM PB, pH 7.4.

Mol. Wt.: 30 kDa

Theory pI: 5.10

Resources: Escherichia coli (E. coli)

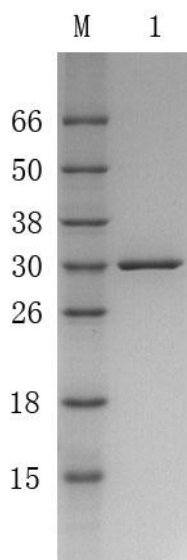
Purity: $\geq 95\%$

Storage condition: -20°C

Storage Duration: 3 years

Introduction:

Protein A is a cell wall protein deriving from *Staphylococcus aureus* which exhibits unique binding properties for IgG from a variety of mammalian species and for some IgM and IgA as well. It binds with the Fc region of immunoglobulins preferentially through interaction with the heavy chain. It is conjugated to a wide variety of reporter molecules including fluorescent dyes, enzyme markers, biotin, colloidal gold and radioactive iodine for use in immunology and other biological research without affecting the antibody binding site. It is also immobilized onto solid supports such as agarose beads for total IgG purifying from ascitic fluid, serum, culture supernatants and cell extract or interest protein.



M: Protein Molecular Weight Marker

Lane 1: r-SPA

Notes:

It is recommended that the product is reconstituted with sterile water into a final concentration of 10 mg/ml freshly.

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