



10-1100 5 mg
rec-Protein A
Lot No.

rec-Protein A (Recombinant Protein A from Bacillus)

SOURCE:

Recombinant protein A from *Staphylococcus aureus* Cowan I is expressed in Bacillus. The gene has been altered to truncate the protein A at the carboxyl terminal. This does not affect the binding characteristics.

FORM:

The rec-protein A is supplied lyophilized, salt-free, and is 98% pure as determined by HPLC and SDS-PAGE. The molecular weight is 44-45kD. The extinction coefficient of a 1% solution of protein A at 280 nm is 1.5.

ACTIVITY:

1 mg of rec-Protein A will bind at least 10 mg of human IgG.

STORAGE:

Lyophilized rec-Protein A can be stored at 4°C.

REFERENCES:

1. Langone et al; *Advances in Immunology* 32:157 (1982).
2. Fahnestock and Fisher; *Journal of Bacteriology* 165:796 (1986).
3. Crichton and Conhem; *Immunology Today* 10:375 (1989).

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