

superProteinA polymer resin

Cat. No. Protein A-7P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The superProteinA polymer resin Affinity chromatography support is based on recombinant protein A and is designed for process-scale purification of monoclonal antibodies. The protein A ligand is produced in E. coli without the use of material from animal origin.
Cat.no	Protein A-7P
Matrix	Highly cross-linked polymer
Functional group	Recombinant protein A
Average particle size	53–61 µm
Ligand	Recombinant protein A
Coupling chemistry	Epoxy
Dynamic binding capacity	30 ±3 mg/ml at 150 cm/hr 25 ±2 mg/ml at 300 cm/hr 20 ±2 mg/ml at 450 cm/hr (Minimum spec: 20 mg/ml at 300 cm/hr)
Recommended flow rate	100–600 cm/hr
Chemical stability	10 mM hydrochloric acid 6 M guanidine hydrochloride 0.1 M arginine (pH 2.8) 0.1 M citrate (pH 2.8) 0.1 M glycine (pH 2.8)

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**Temperature
Stability**

4–40°C

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