

## superProteinA polymer resin

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Cat.no</b>	Protein A-7P
<b>Matrix</b>	Highly cross-linked polymer
<b>Functional group</b>	Recombinant protein A
<b>Average particle size</b>	53–61 μm
<b>Ligand</b>	Recombinant protein A
<b>Coupling chemistry</b>	Epoxy
<b>Dynamic binding capacity</b>	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)
<b>Recommended flow rate</b>	100–600 cm/hr
<b>Chemical stability</b>	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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