

# Datasheet

Cat# NBGN-100101

Version# RN5.9



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<b>Product Name</b>	NebuChem™ Protein A Resin
<b>Size</b>	5ml; 10ml; Bulk
<b>Description</b>	NebuChem™ Protein A Resin(CAT#NBGN-100101) is an affinity chromatography medium designed for easy, one-step purification of classes, subclasses and fragments of immunoglobulins from biological fluids and from cell culture media. Protein A Resin can also be used for immunoprecipitation of proteins, protein complexes or antigens. The recombinant protein A ligand is coupled to 4% agarose. The coupling is optimized to give high binding capacity for immunoglobulins. The static binding capacity of Protein A Resin is greater than 20 mg human IgG/ml settled resin. The binding capacity will vary depending on several factors such as target antibody, flow rate etc.
<b>Average Particle Size</b>	90µm(45-165µm)
<b>Ligand</b>	Recombinant Streptococcal protein A expressed in E.coli. There are 5 IgG binding sites per ligand.
<b>MW of Ligand</b>	~34kDa
<b>PI of Ligand</b>	5.17
<b>Ligand/Resin Ratio</b>	~2 mg protein A/ml settled resin
<b>Binding Capacity</b>	> 20 mg human IgG/ml settled resin
<b>Matrix</b>	Agarose, 4%
<b>Storage Solution</b>	20% ethanol

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