

# Datasheet

Cat# NBGN-100100

Version# RN5.9



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<b>Product Name</b>	NebuChem™ Protein G Resin
<b>Size</b>	5ml; 10ml; Bulk
<b>Description</b>	<p>NebuChem™ Protein G Resin(CAT#NBGN-100100) 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. The recombinant protein G ligand is coupled to 4% highly cross-linked agarose. The static binding capacity of Protein G Resin is greater than 20 mg human IgG/ml settled resin. The dynamic binding capacity will vary depending on several factors such as target antibody, flow rate etc.</p>
<b>Average Particle Size</b>	90µm (45-165µm)
<b>Ligand</b>	Recombinant Streptococcal protein G lacking the albumin-binding sites expressed in E.coli. There are 3 IgG binding sites per ligand.
<b>MW of Ligand</b>	~22kDa
<b>PI of Ligand</b>	4.69
<b>Ligand/Resin Ratio</b>	~2 mg protein G/ml settled resin
<b>Binding Capacity</b>	> 20 mg human IgG/ml settled resin
<b>Storage Solution</b>	1 × PBS containing 20% ethanol
<b>Storage</b>	2-8 °C; Freezing is prohibited

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