

# Datasheet

Cat#NBGN-100116

Version# RN5.9



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| Product Name       | NebuChem™ Iodoacetyl Resin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Size               | 10ml; 20ml; Bulk                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Description        | NebuChem™ Iodoacetyl Resin(CAT#NBGN-100116) is produced by covalently coupling a derivative of iodoacetic acid to 4% cross-linked agarose beads. It is designed for easy and fast immobilization of sulfhydryl-containing peptides, proteins and other ligands. The resin reacts specifically with free sulfhydryls to form stable thioether linkage. The resin is ideal for conjugating sulfhydryl-containing peptide or protein for subsequent affinity purification. 1 ml settled resin can be coupled with more than 1 mg sulfhydryl-containing peptides of 7 amino-acids. |
| Binding Capacity   | More than 3 mg Goat IgG/ml resin.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ligand             | The derivative of Iodoacetic acid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| pH Stability       | pH 5 -10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Support Matrix     | 4% cross-linked agarose, spherical beads                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Mean Particle Size | 90μm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage            | stored at 2-8 °C, Freezing is prohibited                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |