

Butyl polystyrene resin

Cat. No. Butyl-001P **Lot. No.** (See product label)

SPECIFICATION

| | |
|---------------------------------|--|
| Product Overview | Creative Biomart provides series of hydrophobic reaction chromatography media for high efficient separation and purification of a wide range of biomolecules such as proteins, oligonucleotides, and nucleic acids. The hydrophobic reaction resins are composed of rigid, spherical, highly cross-linked polystyrene/divinylbenzene or polyacrylic beads. |
| Cat.no | Butyl-001P |
| Characteristics | The Butyl polystyrene resin is composed of rigid, spherical, highly cross-linked polystyrene/divinylbenzene or polyacrylic beads which contains butyl functional group. See the characteristics below:spherical structure, optimized pore structure, high chemical and pH stability, high mechanical stability, large scale manufacturing capability, proprietary surface bonding. |
| Functional group | Butyl group |
| Average particle size | 30 μm |
| Dynamic binding capacity | 20-35 mg/mL gel |
| Recommended flow rate | 50-300 cm/h |
| Chemical stability | Good chemical stability allows the use of the prepacked columns with most commonly |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



used buffers and organic solvents, like for example 0.5 M NaOH, 50% ethanol, 20% isopropanol, 6 M GuHCl and 8 M urea.

Physical stability Negligible volume variation due to changes in pH or ionic strength

pH working range 2-13

pH CIP range 1-14

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA