

Ether polystyrene resin

Cat. No. Ether-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	Ether-001P
Characteristics	The Ether polystyrene resin is composed of rigid, spherical, highly cross-linked polystyrene/divinylbenzene or polyacrylic beads which contains ether polystyrene. See the characteristics below: spherical structure, optimized pore structure, high chemical and pH stability, high mechanical stability, large scale manufacturing capability, proprietary surface bonding.
Average particle size	30 μ m
Dynamic binding capacity	8-35 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 used buffers and organic solvents, like for example 0.5 M NaOH, 50% ethanol, 20% isopropanol, 6 M GuHCl and 8 M urea.

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Physical stability	Negligible volume variation due to changes in pH or ionic strength
pH working range	2-13
pH CIP range	1-14

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