

## Ether polystyrene resin

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Cat.no</b>	Ether-001P
<b>Characteristics</b>	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.
<b>Average particle size</b>	30 μm
<b>Dynamic binding capacity</b>	8-35 mg/mL gel
<b>Recommended flow rate</b>	50-300 cm/h
<b>Chemical stability</b>	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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<b>Physical stability</b>	Negligible volume variation due to changes in pH or ionic strength
<b>pH working range</b>	2-13
<b>pH CIP range</b>	1-14

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