

Carboxy methacrylic resin

Cat. No. Carboxy-001M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Carboxy resin is a reactive support resin for affinity chromatography, which provides a useful and mild approach for coupling to amino groups of proteins or low molecular weight ligands to a methacrylic polymer incorporating high mechanical and chemical stability. The carbodiimide mediated coupling reaction produces an amide bond between ligand and support resin.
Cat.no	Carboxy-001M
Form	72 % (v/v) slurry in 20 % (v/v) ethanol
Size	10mL, 25 mL, 100 mL, 1 L
Matrix	methacrylic polymer
Functional group	Carboxy group
Average particle size	65 µm
Ligand concentration	100 ± 20 µeq/mL
Dynamic binding capacity	40 ± 10 mg/mL (Lysozyme)
Recommended flow rate	normally 60 – 600 cm/h

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

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

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Recommended column height	5-20cm
pH working range	2-13
Temperature Stability	2-40 °C
Shelf life	10 years

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