Formyl methacrylic resin

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

SPECIFICATION

Product Overview	Creative Biomart Formyl methacrylic resin is a reactive support resin which for affinity chromatography.The product is prepared by introducing formyl groups onto a methacrylic polymer incorporating high mechanical and chemical stability. Formyl activated material is used to immobilize ligands with free amino groups.
Cat.no	Formyl-001M
Form	aqueous slurry in 1 % glutaraldehyde
Size	10mL, 25 mL, 100 mL, 1 L, 5 L
Matrix	methacrylic polymer
Functional group	Formyl group
Average particle size	65 µm
Ligand concentration	40-70µmol/Ml
Dynamic binding capacity	Up to 40mg protein/ml depending upon protein and conditions
Recommended flow rate	normally 60 – 600 cm/h
Recommended	5-20cm

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column height	
Chemical stability	Can be used with any salts, non-ionic detergents, organic solvents. Resistant to 0.1M HCl and 0.5M NaOH.
Physical stability	Will not shrink or swell substantially under changes in pH or ionic strength
pH working range	6-9
Temperature Stability	2-40 °C
Shelf life	10 years

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